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UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH SERVICE
PLANT QUARANTINE DIVISION

LIST OF INTERCEPTED PLANT PESTS, 1958

(List of Pests Recorded From July 1, 1957, Through June 30, 1958, as Intercepted In, On, or With Plants and Plant Products Entering United States Territory)

Compiled by
Judith Hunt
Plant Quarantine Aid

INTRODUCTION

This report, covering the 45th year for which interception lists have been issued, summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plant products (1) imported; (2) offered for but refused entry; (3) held as ships' stores, etc., and hence not offered for entry through customs; (4) offered for entry for immediate transportation and exportation in bond; and (5) in domestic shipments between the American Virgin Islands, Hawaii, and Puerto Rico and the mainland.

The pests listed include insects, snails, fungi, bacteria, nematodes, and viruses causing injury of known or potential plant quarantine significance to the United States. Some common organisms are included if they are (1) new to the country of origin, (2) new to the host plant, or (3) of such limited distribution in the United States that they are worthy of mention.

The data for this list, which includes some for the previous year, are largely obtained from identifications made by specialists of the Entomology Research Division and Plant Quarantine Division, supplemented by information supplied by State officials. Some, however, represent critical studies and determinations made by specialists of the Crops Research Division who also identified many of the host plants cited.

All scientific names are reviewed by specialists in the Department to assure conformance to the International Rules of Nomenclature.

Every effort is made to give the correct origin for all collections listed; questionable cases are omitted or the origin is listed as unknown.

INTERCEPTIONS FROM AIRBORNE MATERIAL

Air importations from many parts of the world continue to bring an increasing number of viable plant pathogens, living insects, and other pests, which require constant vigilance to apprehend them at the ports of entry.

During the year, 5,502 pest interceptions were made from plant material arriving in baggage, express, freight, mail, and stores. Of the total, 4,898 were insects carried on plant parts or as stowaways, and 604 were plant diseases.

Some important insect interceptions in airborne material were:

Adoxophyes orana on lilac in cargo from the Netherlands.

The citrus blackfly (*Aleurocanthus woglumi*) on citrus leaves in baggage from Mexico and Nicaragua; and on citrus leaves in stores from Mexico.

The Mexican fruit fly (*Anastrepha ludens*) in mango in baggage from Mexico; in orange in baggage from Guatemala and Mexico; in orange in stores from Guatemala; and in pomegranate in baggage from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in guava in baggage from Mexico; in Malay-apple in baggage from Guatemala; in mango in baggage from Central America, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, and Puerto Rico; in mango in cargo from Cuba; in mango in mail from Puerto Rico; in purple mombin in baggage from El Salvador, Guatemala, Honduras, and Nicaragua; in purple mombin in quarters from Central America (country (?)); and in yellow mombin in baggage from Honduras(?) and Nicaragua. *A. mombinpraeoptans*(?) in yellow mombin in baggage from Trinidad.

Apion carduorum in globe artichoke in baggage from Italy.

The Mediterranean fruit fly (*Ceratitis capitata*) in cactus fruit in baggage from Italy; in coffee in preflight inspection of baggage leaving Hawaii for the mainland; in fig in baggage from Italy; in guava in baggage from the Azores and Portugal; in Mandarin orange in baggage from Israel and Libya; in mango in baggage from Egypt; in olive in baggage from Italy; in orange in baggage from the Azores, Israel, and Italy; in orange in quarters from the Azores; in orange in stores from the Azores and Italy; in peach in baggage from Italy and Tunisia and in peach in stores from Italy; in pear in baggage from Italy and in pear in stores from France(?); and in plum, pomengranate, and quince in baggage from Italy. *C. capitata*(?) in orange in baggage from Brazil; in orange in stores from Spain; and in sweet lime in stores from the Azores.

The Asiatic rice borer (*Chilo suppressalis*) in rice straw jackets in baggage from Portugal(?).

Cylas formicarius ssp. in sweetpotato in cargo from the Philippines; and in sweetpotato in quarters from Thailand.

Cylas formicarius var. in sweetpotato in cargo from the Philippines.

Cylas formicarius formicarius in sweetpotato in cargo from the Philippines and Thailand; and in sweetpotato in stores from the Philippines and Singapore.

The oriental fruit fly (*Dacus dorsalis*) in avocado, bitter almond, coffee, mango, *Passiflora* sp., and vi-apple in preflight inspection of baggage leaving Hawaii for the mainland; and in vi-apple in preflight inspection of mail leaving Hawaii for the mainland. *D. dorsalis*(?) in pomegranate in preflight inspection of baggage leaving Hawaii for the mainland.

The olive fruit fly (*Dacus oleae*) in olive in baggage from Italy. *D. oleae*(?) in olive on tray of hors d'oeuvres from an unknown origin.

Tahitian coconut weevil (*Diocalandra taitensis*) on coconut in preflight inspection of baggage leaving Hawaii for the mainland.

Malacosoma neustria in cherry cuttings in baggage from Japan.

Maruca testulalis with mauna loa lei in preflight inspection of baggage leaving Hawaii for the mainland; in peas in mail from Puerto Rico; and in string bean in baggage from Puerto Rico.

The pink bollworm (*Pectinophora gossypiella*) in cotton boll in baggage from Jamaica; in cottonseed in baggage from Cuba and Paraguay; in Malvaceae seed in cargo from Angola; and in okra in baggage from Barbados.

The European corn borer (*Pyrausta nubilalis*) in pepper in baggage from Italy; and in tomato in stores from Italy.

Rhagoletis cerasi in cherry in baggage from Belgium, Germany, Italy, Spain, and Switzerland; in cherry in quarters from France; and in cherry in stores from the Azores, France, Italy, Portugal, and an unknown origin.

Interceptions of airborne plant pathogens of interest were:

Cercospora coffeicola on coffee leaves in baggage from Brazil and El Salvador.

Cercospora insulana on statice in baggage from Peru.

Chrysomya ledi var. *rhododendri* on rhododendron leaves in baggage from Switzerland and in mail from Austria and Switzerland.

Colletotrichum crassipes on *Crataegus* sp. in baggage from El Savador.

Curvularia geniculata on betel palm in express from Pakistan.

Elsinoe australis, the sweet orange scab, on lemon in baggage from an unknown

origin and in stores from Brazil; on orange in baggage from Brazil and an unknown origin; and on orange in stores from Argentina.

Phoma citricarpa (the black spot of citrus) on *Citrus* sp. peel in baggage from Hong Kong and the Philippines; on lemon in stores from Australia, the Union of South Africa, and an unknown origin; on Mandarin orange in baggage from China, Hong Kong, Japan, Philippines, and Thailand; on Mandarin orange in quarters from an unknown origin and in stores from Japan; on orange in baggage from an unknown origin; on orange in quarters from the Union of South Africa; on orange in stores from Australia, the Union of South Africa, and an unknown origin; and on Satsuma orange in baggage from China.

Puccinia horiana on chrysanthemum in baggage, quarters, and stores from Japan.

Septoria selenophomoides on an orchid leaf in cargo from the Union of South Africa.

Sphaceloma fawcettii var. *scabiosa* on lemon in stores from Australia.

Sphenospora kevorkianii on *Huntleya* sp. in baggage from Costa Rica.

Uromyces commelinae on *Geogenanthus* sp. leaf in cargo from Colombia.

Xanthomonas citri (citrus canker) on grapefruit(?) peel in baggage from Pakistan; on lime and sour lime in baggage from India; and on orange in baggage and stores from Japan.

"Yellow spot" virus on camellia leaf in baggage from the Netherlands.

The following nematodes were found in airborne material:

Gottholdsteineria goodeyi in soil with plants in baggage from Ireland.

Helicotylenchus erythrinae in soil with garlic in baggage from Ireland.

Helicotylenchus multicinctus in soil with roots of banana plants in baggage from Cuba.

Helicotylenchus nannus in soil on unknown roots in baggage from the Netherlands.

The oat nematode (*Heterodera avenae*) in soil with spruce seedlings in baggage from Germany.

The golden nematode (*Heterodera rostochiensis*) in soil with cactus plant in baggage from Scotland; in soil with assorted plants in baggage from Ireland; in soil with potatoes in baggage from Ireland and Peru; and in soil with shamrock roots in cargo from Ireland.

Scutellonema brachyurum in soil with unidentified plants in baggage from Greece.

Tylenchorhynchus acutus in soil with unknown plants in baggage from Cuba.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted:

The Mexican fruit fly (*Anastrepha ludens*) in avocado in baggage from Mexico; in grapefruit in baggage and quarters from Mexico; in mamey sapote in baggage from Mexico; in mango in air baggage, baggage, and quarters from Mexico; in orange in air baggage and air stores from Guatemala; in orange in air baggage, baggage, cargo, quarters, and stores from Mexico; in peach in baggage from Mexico; in pomegranate in air baggage from Mexico; and in quince, sour orange, and sweet lime in baggage from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in guava in air baggage from Mexico; in Malay-apple in air baggage from Guatemala; in mango in air baggage from Central America (country(?)), Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, and Puerto Rico; in mango in baggage from El Salvador, Haiti, Jamaica, Mexico, and Puerto Rico; in mango in aircargo from Cuba; in mango in airmail from Puerto Rico; in mango in quarters from Guatemala and Jamaica; in mango in stores from Costa Rica, Dominican Republic, Guatemala, Haiti, Jamaica, and Mexico; in purple mombin in air baggage from El Salvador, Guatemala, Honduras, and Nicaragua; in purple mombin in air quarters from Central America (country(?)); and in yellow mombin in air baggage from Honduras(?) and Nicaragua. *A. mombinpraeoptans*(?) in yellow mombin in air baggage from Trinidad.

Anastrepha serpentina in *Lucuma psammophila* in mail from Brazil; and in mamey sapote in baggage from Mexico.

Anastrepha striata(?) in guava in baggage from Mexico.

The Mediterranean fruit fly (*Ceratitis capitata*) in cactus fruit in air baggage from Italy; in coffee in baggage from Hawaii; in fig in air baggage and baggage from Italy; in guava in air baggage from the Azores and Portugal; in lemon in baggage from Italy; in Mandarin orange in air baggage from Israel and Libya; in Mandarin orange in baggage from Italy; in Mandarin orange in mail from Tunisia; in Mandarin orange in stores from Italy; in mango in air baggage from Egypt; in olive in air baggage from Italy; in orange in air baggage from the Azores, Israel, and Italy; in orange in air quarters from the Azores; in orange in air stores from the Azores and Italy; in orange in quarters from Argentina and Italy; in orange in stores from Egypt, Israel, Italy, Lebanon, and Spain; in peach in air baggage from Italy and Tunisia; in peach in air stores from Italy; in pear in air baggage from Italy; in pear in air stores from France(?); in pear in baggage from Greece and Italy; in pear in stores from Greece, Italy, and Spain; in plum in air baggage from Italy; in pomegranate in air baggage and baggage from Italy; in pricklypear in baggage from Italy; in quince in air baggage from Italy; and in quince in baggage from Greece and Italy. *C. capitata*(?) in bell pepper in stores from Belgian Congo; in orange in air baggage from Brazil; in orange in air stores from Spain; in orange in stores from the Union of South Africa; and in sweet lime in air stores from the Azores.

The melon fly (*Dacus cucurbitae*) in balsam-pear in baggage from Hawaii; an adult and eggs on *Momordica* sp. in mail from Hawaii; and in string bean, tomato, and zucchini squash in stores from Hawaii. *D. cucurbitae*(?) in cucumber in stores from Hawaii.

The oriental fruit fly (*Dacus dorsalis*) in avocado in preflight inspection of baggage leaving Hawaii for the mainland; in avocado in quarters from Hawaii; in banana in baggage from an unknown origin; in banana in quarters and stores from Hawaii; in bitter almond in preflight inspection of baggage leaving Hawaii for the mainland; in *Calophyllum inophyllum* in mail leaving Hawaii for the mainland; in immature coconut in baggage from Hawaii; in coffee in preflight inspection of baggage leaving Hawaii for the mainland; in Malay-apple in mail leaving Hawaii for the mainland; in mango in baggage and quarters from Hawaii; in mango and *Passiflora* sp. in preflight inspection of baggage leaving Hawaii for the mainland; in tomato in stores from Hawaii; and in vi-apple in preflight inspection of mail leaving Hawaii for the mainland. *D. dorsalis*(?) in bitter almond in mail leaving Hawaii for the mainland; in coffee in preflight inspection of baggage leaving Hawaii for the mainland; in coffee in mail leaving Hawaii for the mainland; and in pomegranate in preflight inspection of baggage leaving Hawaii for the mainland.

The olive fly (*Dacus oleae*) in olive in baggage from Italy and Spain and in air baggage and mail from Italy. *D. oleae*(?) in olives on tray of hors d'oeuvres in air stores from an unknown origin.

Euleia heraclei(?) in celery in stores from Italy.

Rhagoletis cerasi in cherry in air baggage from Belgium, Germany, Italy, Spain, and Switzerland; in cherry in air quarters from France; in cherry in air stores from the Azores, France, Italy, Portugal, and an unknown origin; and in cherry in cargo from Italy.

Rhagoletis juglandis in black walnut in baggage from Mexico.

INSECTS OTHER THAN FRUIT FLIES

The following insects of unusual interest were intercepted:

Acrolepia assectella (Hyponomeutidae) in leek in stores from Belgium, France, Italy; and the Netherlands; and in turnip in stores from an unknown origin.

Adoxophyes orana (Tortricidae) with lilac in aircargo from the Netherlands.

The citrus blackfly (*Aleurocanthus woglumi*) on citrus leaves in air baggage from Mexico and Nicaragua; and on citrus leaves in baggage and stores from Mexico.

Aleurotrachelus camelliae (Aleyrodidae) on camellia cuttings and leaves in mail from Japan.

A curculionid, *Anthonomus rectirostris*, in black cherry in mail from Belgium.

Apion carduorum (Curculionidae) in globe artichoke in air baggage from Italy.

A noctuid, *Barathra brassicae*, in Chinese and petsai cabbage in stores from Japan.

Brachycerus albidentatus (Curculionidae) in garlic in cargo from Italy.

Bruchus tristis (Bruchidae) in bean and broadbean in baggage from Italy; in chickpea in baggage from Greece; in grass pea in mail from Italy; in legume seed

in air baggage from an unknown origin; and in lupine seed in baggage from Italy.

A coccid, *Ceroplastes rubens*, on *Alpinia purpurata* leaf in preflight inspection of aircargo leaving Hawaii for the mainland; on anthurium leaf in mail leaving Hawaii for the mainland; on camellia plants in baggage from Japan; on camellia plant in mail from Formosa; on cotoneaster plant and English ivy in air baggage from Japan; on finetooth holly in cargo from Japan; on gardenia in air baggage from Japan; on gardenia and maile in preflight inspection of air baggage leaving Hawaii for the mainland; on maile in mail leaving Hawaii for the mainland; on *Metrosideros collina* in preflight inspection of air baggage leaving Hawaii for the mainland; and on rhododendron in baggage from Japan.

The Asiatic rice borer (*Chilo suppressalis*) in rice straw in air baggage from Portugal(?); in rice straw in baggage from Korea; and in rice straw in baggage, cargo, and stores from Japan.

Conotrachelus aguacatae (Curculionidae) in avocado in baggage and quarters from Mexico.

Curculio elephas (Curculionidae) in chestnut in air baggage from Greece, Italy, and Portugal; in chestnut in baggage from Greece, Italy, Portugal, and Spain; in chestnut in cargo from Italy; in chestnut in mail from Italy; in chestnut in quarters from Turkey; in chestnut in stores from France, Italy, and Portugal; in European oak in cargo from Italy; in holly oak in mail from Italy; and in acorn in baggage from Italy.

A curculionid, *Cylas formicarius formicarius*, in sweetpotato in aircargo from the Philippines and Thailand; in sweetpotato in cargo from Hong Kong and Thailand; in sweetpotato in quarters from an unknown origin; and in sweetpotato in stores from India, Philippines, and Singapore.

Cylas puncticollis (Curculionidae) in sweetpotato in stores from Nigeria and Sierra Leone.

An aleyrodid, *Dialeurodes kirkaldyi*, on Arabian jasmine in preflight inspection of baggage leaving Hawaii for the mainland; on Arabian jasmine in baggage from the Philippines; on gardenia in baggage from Hawaii; and on star jasmine in preflight inspection of baggage leaving Hawaii for the mainland.

Diaprepes abbreviatus (Curculionidae) on *Pothos* sp. in aircargo from Puerto Rico.

A pyraustid, *Dichocrocis punctiferalis*, in peach in quarters from Japan.

Dyspessa ulula (Cossidae) in garlic in cargo from Italy and Spain; and in garlic in stores from Spain.

Epichorista ionephela (Tortricidae) with chinkerichee in baggage, cargo, and mail from the Union of South Africa.

An olethreutid, *Gymnandrosoma aurantianum*, in grapefruit in stores from Mexico.

Lampides boeticus (Lycaenidae) in leis made of *Canavalia* sp. in preflight inspection of baggage leaving Hawaii for the mainland.

An olethreutid, *Laspeyresia splendana*, in chestnut in air baggage from Italy and Portugal; in chestnut in baggage from the Azores, France, Greece, Italy, Philippines, Portugal, and Spain; in chestnut in cargo from Italy; and in chestnut in stores from France.

Leucinodes orbonalis (Pyraustidae) in eggplant in stores from Nigeria.

Lobesia botrana(?) (Olethreutidae) in grape in baggage from Italy.

Malacosoma neustria (Lasiocampidae) in cherry cuttings in air baggage from Japan.

A phalaenid, *Mamestra brassicae*, in cabbage in stores from Belgium.

A bean pod borer, *Maruca testulalis*, in leis made of *Canavalia* sp. in preflight inspection of baggage leaving Hawaii for the mainland; in civet bean in stores from Hawaii; in pea in air mail from Puerto Rico; in pigeonpea in cargo leaving Puerto Rico for the mainland; in string bean in preflight inspection of baggage leaving Puerto Rico for the mainland; in string bean in cargo and airmail from Puerto Rico; and in string bean in stores from Brazil, Ghana, and Japan.

An olethreutid, *Olethreutes leucotreta*, in grapefruit in stores and in orange in air quarters from the Union of South Africa.

Prays endocarpa (Hyponomeutidae) in pummelo in stores from the Federation of Malaya.

Prays oleelus (Hyponomeutidae) on olive leaf in air baggage from Italy.

A chrysomelid, *Psylliodes chrysocephala*, in turnip in stores from France.

Stephanoderes hampei (Scolytidae) in coffee in cargo from Brazil; and in coffee in stores from Egypt and India.

A mango weevil, *Sternochetus mangiferae*, in mango in air baggage from Australia; in mango in preflight inspection of baggage leaving Hawaii for the mainland; in mango in airmail from Guam, Philippines, and Vietnam; in mango in air quarters from Eniwetok(?); in mango in air stores from Vietnam; in mango in baggage from Hawaii and the Philippines; in mango in mail leaving Hawaii for the mainland; and in mango in quarters and stores from Hawaii.

The khapra beetle (*Trogoderma granarium*) with almond shells and cashew nuts in mail from India; with used bagging in cargo from the Netherlands; with dried beans in stores from the Netherlands; in flour in stores from England, Italy, Netherlands, and the Union of South Africa; with dried peaches in stores from an unknown origin; with peanuts in airmail from Portugal; with rice in stores from Brazil, China, Formosa, and an unknown origin; on old rice bags in stores from India; and in wheat bran in baggage from Mexico.

SNAILS

The giant African snail (*Achatina fulica*) was intercepted twice with military cargo from Morocco.

Porphyrobaphe iostoma, not in the United States and not injurious under normal conditions, was intercepted six times with bananas in cargo from Ecuador.

Theba pisana, an injurious snail not known to be established in the United States, was intercepted 33 times; 28 of these came in military cargo in aircargo and cargo from Morocco; once in military cargo in aircargo from Libya; once in general cargo from the Mediterranean region; once each on conex boxes in cargo from Morocco and Spain; and once on parsley in stores from Spain.

Other snails of economic importance, but of limited distribution in the United States, intercepted and worthy of mention were: *Arion circumscriptus*, *Bradybaena similaris*, *Cepaea nemoralis*, *Deroceras reticulatum*, *Limax marginatus*, *L. maximus*, *Milax gagates*(?), *Oxychilus allarius*, *Vallonia pulchella*, and *Zonitoides arboreus*.

NOTES ON DISEASES INTERCEPTED

The sweet orange scab (*Elsinoe australis*) was intercepted 51 times; 8 of these interceptions came from Argentina on lemon and orange; 39 from Brazil on grapefruit, lemon, Mandarin orange, and orange; and 4 were of unknown origin on lemon, orange, and sour lime.

Citrus canker (*Xanthomonas citri*) was intercepted 79 times; 68 of these came from Japan, 3 each from Hong Kong and India, 2 from China, and 1 each from the Federation of Malaya, Pakistan, and Singapore. These interceptions were made from the following hosts: *Citrus* sp., grapefruit, lemon, lime, Mandarin orange, orange, pummelo, sour lime, and sour orange.

Cancrosis B (*Xanthomonas* sp.), another bacterial disease of citrus, producing symptoms similar to citrus canker, was intercepted four times from Argentina on lemon and grapefruit.

The black spot of citrus (*Phoma citricarpa*) was intercepted 165 times; 45 of these came from Hong Kong, 33 from the Union of South Africa, 25 from Japan, 21 from China, 16 from Australia, 14 of unknown origin, 2 each from the Federation of Malaya, Formosa, Philippines, and Singapore, and 1 each from Africa (country(?)), Brazil, and Thailand. These interceptions were made on the following hosts: *Citrus* sp., grapefruit, lemon, Mandarin orange, orange, Satsuma orange, sour lime, and sour orange.

Other interceptions were:

Chrysomya ledi var. *rhododendri* on rhododendron in air baggage, airmail, cargo, and mail from Switzerland; in airmail from Austria; and in baggage from Canada and Germany.

Griphosphaeria corticola on rose canes in aircargo from Germany.

Tilletia contraversa on rye seed in mail from Afghanistan.

Urocystis gladiolicola on gladiolus corms in cargo from the Netherlands.

"Yellow spot" virus on camellia leaves in air baggage from the Netherlands.

NEMATODES

The oat nematode (*Heterodera avenae*) was intercepted 18 times from the following countries: Czechoslovakia, England, Europe (country(?)), Germany, Israel, Italy, and Spain. These interceptions were taken in soil with the following: Automobiles, carnation, cypress, and juniper plants, dahlia roots, garlic, onions, *Ornithogalum saundersiae*, potatoes, primrose plant, spruce seedlings, and unknown plants.

The golden nematode (*Heterodera rostochiensis*) was intercepted 48 times from the following countries: Argentina, Denmark, England, Germany, Ireland, Malta, Mexico, Peru, Scotland, and Sweden. These interceptions were taken in soil from new and used automobiles and in soil with bulbs, plant material, and vegetables.

Other nematodes of special interest were:

Gottholdsteineria goodeyi in soil with unknown plants in air baggage from Ireland.

Helicotylenchus erythrinae in soil with garlic in air baggage from Ireland and in soil with unknown plants in baggage from Mexico.

Helicotylenchus multicinctus in soil with roots of banana plants in air baggage from Cuba.

Helicotylenchus nannus in soil with begonia, carnation, coleus, mint, and unknown plants and unknown herbs in baggage from Mexico; and in soil with unknown roots in air baggage from the Netherlands.

Psilenchus hilarulus with bougainvillea, hibiscus, cactus, coleus, fern, and herbaceous plants in baggage from Mexico.

Scutellonema christiei in soil with caladium plants, palm, and an unknown plant in baggage from Trinidad.

Tylenchorhynchus acutus in soil with coleus plant in baggage from Mexico; and in soil with unknown plants in air baggage from Cuba.

Tylenchorhynchus capitatus in soil with succulent and unknown plants in baggage from Mexico.

Tylenchorhynchus martini in soil with boraginaceous and India rubber tree plants in baggage from Mexico.

Tylenchulus semipenetrans with *Citrus* sp. tree in baggage from Italy.

Tylenchus davainei in soil and moss in mail from Germany.

Tylenchus polyhynchus with bougainvillea and hibiscus plants in baggage from Mexico.

The genus *Meloidogyne* continues to represent a pest problem. During the year various plant shipments and vegetables have been found infected with one or more of the following species: *Meloidogyne arenaria*, *M. hapla*, *M. incognita*, *M. incognita acrita*, and *M. javanica*. They were intercepted from the following countries: Argentina, Australia, Bermuda, Brazil, Canada, Canal Zone, Colombia, Cuba, Egypt, England, Fiji Islands, France, French West Africa, Germany, Guatemala, Hawaii, India, Israel, Italy, Jamaica, Japan, Kenya, Mexico, Netherlands, New Guinea, Peru, Puerto Rico, Singapore, Trinidad, Union of South Africa, and West Africa.

INCOMPLETELY DETERMINED PESTS

Frequently complete determinations as to species are impossible or impracticable due to the stage or condition of the insects or pathogens on arrival. Some of these pests may be of economic importance, hitherto unreported from the United States, unknown for the host plant, or they may come from a new country of origin. As a matter of record they are included in this separate list but not in the table form.

INSECTS

Among the incompletely determined insects were the following fruit flies:

Anastrepha sp., possibly *fraterculus*, at Charleston, S.C., in orange in stores from Brazil; and at Miami, Fla., in cherimoya in air baggage from Peru.

Anastrepha sp., probably *ludens*, at El Paso and Laredo, Tex., in orange in baggage from Mexico; at Nogales, Ariz., in mango in baggage from Mexico; at Progreso, Tex., in pear in baggage from Mexico; and at San Ysidro, Calif., in mango in baggage from Mexico.

Anastrepha sp., probably *mombinpraeoptans*, at Brownsville, Tex., in mango in air baggage from El Salvador and Nicaragua; in purple mombin in air baggage from Guatemala and Nicaragua; and in *Psidium* sp. (wild guava) in baggage from El Salvador; at Charleston, S.C., in mango in air baggage from Panama; at Jacksonville, Fla., in mango in stores from Panama; at Miami, Fla., in mango in air baggage from Colombia and Panama; and in Mandarin orange in air stores from Peru; at Mobile, Ala., in mango in quarters from Trinidad; at New Orleans, La., in guava in air baggage from Guatemala; in mango in baggage

and quarters from Ecuador; and in purple mombin in air baggage from Central America (country(?)) and Guatemala; and at San Juan, P.R., in mango in air baggage from Barbados.

Anastrepha sp., probably *serpentina*, at Brownsville, Tex., in mamey sapote in air baggage from Guatemala; and in sapodilla in air baggage from El Salvador; and at Laredo, Tex., in mamey in baggage from Mexico.

Anastrepha sp., probably *striata*, at Brownsville, Tex., in guava in air baggage from Costa Rica, El Salvador, and Nicaragua; and in guava in baggage from Mexico; at Calexico, Calif., in guava in baggage from Mexico; at Laredo, Tex., in guava in baggage from Mexico; at Miami, Fla., in mango in air baggage from Panama; and at Nogales, Ariz., in guava in baggage and cargo from Mexico.

Anastrepha sp., possibly *suspensa* (Loew), at Chicago, Ill., in guava in airmail from Puerto Rico; at Miami, Fla., in custard-apple in air baggage from the Dominican Republic; and in guava in air baggage from Cuba.

Anastrepha sp., at Baltimore, Md., in grapefruit in stores from Trinidad; and in orange in stores from Brazil and Colombia; at Baton Rouge, La., in orange in stores from Brazil; at Boston, Mass., in grapefruit, orange, and plum in stores from Brazil; at Brownsville, Tex., in guava in air baggage from El Salvador; in Malay-apple in air baggage from Costa Rica; in mango in air baggage from El Salvador, Guatemala, and Panama; and in sapote in quarters from Mexico; at Chicago, Ill., in guava in airmail from Puerto Rico; at Del Rio, Tex., in mango in baggage from Mexico; at El Paso, Tex., in guava and mango in baggage from Mexico; at Galveston, Tex., in mango in quarters from Jamaica; at Hidalgo, Tex., in orange in cargo from Mexico; at Houston, Tex., in orange in stores from Peru; and in Japanese plum in stores from Argentina; at Jacksonville, Fla., in grapefruit in stores from Brazil; at Laredo, Tex., in mamey sapote, mango, and pear in baggage from Mexico; at Miami, Fla., in bullock's-heart in air baggage from Ecuador; in *Cereus* sp. in air baggage from Colombia; in cherimoya in air baggage from Ecuador; in coffee berries in air baggage from Brazil, Colombia, and Costa Rica; in custard-apple in air baggage from Peru; in grapefruit in air baggage from Colombia; in guava in air baggage from Costa Rica and Cuba; in Mandarin orange in air stores from an unknown origin; in mango in air baggage from Chile, Colombia, El Salvador, and Peru; in orange in air baggage from Colombia; in orange in air stores from Brazil; in pomegranate in air baggage from Argentina; in purple mombin in cargo from Costa Rica; and in *Ximenia americana* in air baggage from Colombia and Nicaragua; at New Orleans, La., in orange in stores from Mexico; in purple mombin in air baggage from Guatemala; in star-apple in air baggage from Mexico; and in tropical almond in air baggage from Venezuela; at New York, N.Y., in mango in air baggage from Jamaica; in orange in air stores from an unknown origin; in sapodilla in air quarters from Venezuela; and in *Spondias* sp. in baggage from Venezuela; at Nogales, Ariz., in guava, mango, *Myrtus ehrenbergii*, and orange in baggage from Mexico; at Philadelphia, Pa., in orange in stores from Brazil; at San Juan, P.R., in coffee berries in air baggage from Brazil; in grapefruit in baggage from Trinidad; and in *Spondias* sp. in air baggage from Venezuela; at San Pedro, Calif., in guava in air baggage from Nicaragua; at San Ysidro, Calif., in mango in baggage from Mexico; at Tampa, Fla., in mango in quarters from Cuba; and in orange in stores from Argentina; and at Washington, D.C., in *Psidium* sp. in express from Brazil.

Dacus sp., possibly *passiflorae* Frogg., at Honolulu, Hawaii, in Tahiti-chestnut in air baggage from the Fiji Islands.

Dacus sp., perhaps *psidii* (Frogg.), at Honolulu, Hawaii, in Tahiti-chestnut in air baggage from American Samoa.

Dacus sp. at Boston, Mass., in cucumber and squash in stores from French West Africa; at Honolulu, Hawaii, in coffee berry in preflight inspection of air baggage leaving Hawaii for the mainland; and in peach in baggage from Australia; and at New York, N.Y., in *Citrus* sp., probably *reticulata*, in air baggage from Pakistan.

Rhagoletis sp., probably *cerasi*, at Boston, Mass., in cherry in air stores from an unknown origin.

Rhagoletis sp. at Brownsville, Tex., in apple in baggage from Mexico; and in *Crataegus* sp. in baggage from Mexico; at Del Rio and Eagle Pass, Tex., in apple in baggage from Mexico; at El Paso, Tex., in *Crataegus* sp. in baggage from Mexico; at Galveston, Tex., in apple in stores from Mexico; at Laredo, Tex., in apple in baggage from Mexico; at New York, N.Y., in apple in stores from Mexico; at Nogales, Ariz., in apple and *Crataegus* sp. in baggage from Mexico; and at San Antonio, Tex., in apple in air baggage from Mexico.

Thirty interceptions identified to family only, Tephritidae, were intercepted at the following ports: Baltimore, Md., in mango in stores from India; at Baton Rouge, La., in orange in stores from an unknown origin; at Boston, Mass., in cucumber in stores from French West Africa; in guava in air baggage from the Azores; and with mixed cut flowers in air baggage from France; at Brownsville, Tex., in apple in baggage from Mexico; and in mango in air baggage from Nicaragua; at Hoboken, N.J., in franchet cotoneaster in mail from Italy; and in palm fruit in mail from Borneo; at Honolulu, Hawaii, in coffee berry, guava, and vi-apple in preflight inspection of baggage leaving Hawaii for the mainland; at Jacksonville, Fla., in courbaril seed and seed of *Enterolobium cyclocarpum* in baggage from Panama; at Laredo, Tex., in pecan husk in baggage from Mexico; at Miami, Fla., in chayote in air baggage from Brazil; and in quince in air stores from Peru; at New Orleans, La., in sour orange in stores from Colombia; at New York, N.Y., in cucurbit in air stores from an unknown origin; in cotton boll in baggage from Greece; and in pricklypear in baggage from Italy; at Nogales, Ariz., pupa with yucca plant in cargo from Mexico; at San Antonio, Tex., in Mandarin orange in air baggage from Mexico; at San Francisco, Calif., in cucumber in stores from Hawaii; and in mango in baggage from Hawaii; and at Washington, D.C., in *Solanum etuberosum* fruit in mail from Chile.

An adult of *Tephritis* sp. at New York, N.Y., in hay packing in baggage from Norway.

Other incompletely determined insects worthy of mention were:

An aleyrodid, Aleurodicinae, new genus near *Aleurodicus*, at Laredo, Tex., on orchid leaf in cargo from Mexico; and at Nogales, Ariz., on orchid leaf in cargo from Mexico.

Allocorhynus sp. (Curculionidae), a very interesting group, apparently confined to cycads, at Brownsville, Tex., in *Dion edule* in cargo from Mexico.

Alydus sp. (Coreidae), new to the National Museum collection, at Charlotte Amalie, St. Thomas, with cabbage in baggage from Tortola.

Anchonini (Curculionidae), near *Anchonus*, a very interesting weevil, not in the National Museum collection, at New York, N.Y., with ginger in cargo from Cuba.

Andrector sp., probably *salvini* (Baly) (Chrysomelidae), at New York, N.Y., with peas in aircargo from Venezuela.

Andrector sp., probably *variabilis* Jac. (Chrysomelidae), at San Pedro, Calif., on an orchid plant in mail from the Canal Zone.

Archips sp. (Tortricidae) at Boston, Mass., with canna plants in baggage from Italy.

Aspidiotus sp. (Coccidae), not placed as a described species, was intercepted eight times at six different ports on fruits and plant material from the following countries: Brazil, China, Ecuador, Ghana, and Mexico.

Asterolecanium sp. (Aleyrodidae), apparently undescribed, at Miami, Fla., on palm leaf in airmail from the Canal Zone.

Aulacaspis sp. (Coccidae), an undescribed species, at Hoboken, N.J., on pseudobulb of *Coelogyne* sp. in cargo from India.

Baris sp. (Curculionidae) at Baltimore, Md., in horseradish in cargo from Germany; and at New York, N.Y., in horseradish in cargo from Poland.

Batrachedra sp. (Cosmopterygidae), probably a new species, at Brownsville, Tex., with *Yucca* sp. cuttings in baggage from Mexico; and at San Ysidro, Calif., with agave cuttings in baggage from Mexico.

Brachyrhinus sp. (Curculionidae) at New York, N.Y., in soil with primrose plants in baggage from Belgium.

Bruchus sp. (Bruchidae), apparently new to the National Museum collection, at Boston, Mass., in *Lathyrus* sp. seed in air baggage from the Azores.

Bryobia sp. (Tetranychidae), apparently a new species, at Seattle, Wash., on chrysanthemum in quarters from Japan.

Carpusina sp. (Carposinidae) at Hoboken, N.J., in kobus magnolia seed in cargo from Japan; and at New York, N.Y., in unknown berries in baggage from Greece.

Crioceris sp. (Chrysomelidae) at Chicago, Ill., on asparagus fern in air baggage from Germany; and on asparagus fern in air quarters from England.

Diaprepes sp. (Curculionidae) at New York, N.Y., in yam in baggage from Jamaica; and at San Juan, P.R., in cargo leaving for the mainland.

Epicaerus sp. (Curculionidae) was intercepted 18 times at 9 different ports in potatoes in baggage and stores from Mexico.

An eriophyid mite, apparently undescribed genus and species, at Boston, Mass., on a beech cutting in air baggage from England.

"*Eulia*" sp. (Tortricidae) at New York, N.Y., in grape, nectarine, peach, and plum in cargo from Chile.

Gnorimoschema sp. (Gelechiidae), probably a new species and not any of the species heretofore associated with potato, at Mobile, Ala., in potato in stores from Honduras.

Gymnandrosoma sp. (Olethreutidae) at New Orleans, La., in genip in air baggage from Guatemala and in orange in quarters from Brazil; at Miami, Fla., in guava in air baggage from Cuba and in mangrove plant in air baggage from Grand Cayman; at Nogales, Ariz., in *Byrsonima crassifolia* in baggage from Mexico; and in guava in preflight inspection of baggage leaving San Juan, P.R., for the mainland.

Lepidosaphes sp. (Coccidae), not known to occur in the United States, at Washington, D.C., on *Angraecum compactum* in mail from England.

Leptinotarsa sp. (Chrysomelidae), new to the National Museum collection, at Brownsville, Tex., on banana in cargo from Mexico.

Ligyrocoris sp. (Lygaeidae), very unusual and not in the National Museum collection, at New Orleans, La., on banana in cargo from Ecuador.

Lixus sp. (Curculionidae) at Baltimore, Md., in beet in cargo from Algeria; at New Orleans, La., in beet in stores from England; and at Philadelphia, Pa., in beet in stores from Egypt and in celery in stores from Morocco.

Myrmex sp. (Curculionidae) at Honolulu, Hawaii, on *Epidendrum stenopetalum* stem in airmail from the Canal Zone.

Palaeopus sp. (Curculionidae) at New Orleans, La., in yam in air baggage from Jamaica; and at New York, N.Y., in yam in air baggage from Jamaica.

Premnotrypes sp. (Curculionidae) at Galveston, Tex., in potato in stores from Ecuador; at New Orleans, La., in potato in stores from Peru; and at New York, N.Y., in *Solanum* sp. tuber in baggage from Peru.

Pseudococcus sp. (Coccidae), not placed as a described species, was intercepted 32 times at 9 different ports on various plant material from the following countries: Azores, Brazil, Canal Zone, Costa Rica, Cuba, England, France, Guatemala, Indonesia, Jamaica, Marshall Islands, Mexico, Monaco, Panama, and Philippines.

Spermophagus sp. (Bruchidae) at Houston, Tex., with *Ipomoea pes-caprae* seed in air baggage from Liberia.

DISEASES

Incompletely determined pathogens worthy of mention were:

Asterina sp., apparently undescribed, at San Francisco, Calif., on *Banksia ericifolia* in aircargo from Australia.

Cercospora sp. at San Juan, P.R., on *Wedelia trilobata* leaf in air baggage from British Guiana.

Colletotrichum sp. at Brownsville, Tex., on *Reinhardtia* sp. leaf in cargo from Mexico.

Cytospora sp. at San Francisco, Calif., and Seattle, Wash., on tree peonies in cargo from Japan.

Guignardia sp. at New Orleans, La., on tropical almond leaf in air baggage from Cuba.

Helminthosporium sp. at Miami, Fla., on *Epidendrum stenopetalum* leaf in aircargo from Panama.

Hendersonia sp. at Nogales, Ariz., on *Calocarpum* sp. and sapote in baggage from Mexico.

Leptosphaeria sp., probably undescribed, at Miami, Fla., on bromeliad leaf in aircargo from the Canal Zone.

Monochaetia sp.(?) at Nogales, Ariz., on *Lucuma* sp. in baggage from Mexico.

Phomopsis sp., probably the "A" spores, at Washington, D.C., on bougainvillea plant in mail from Portugal; *Phomopsis* sp., apparently undescribed, at San Pedro, Calif., on *Persea* sp. in air baggage from Guatemala.

Phyllostictina sp. at New Orleans, La., on tropical almond leaf in air baggage from Cuba.

Puccinia sp., apparently undescribed, at Miami, Fla., on *Oncidium* sp. leaf in aircargo from Ecuador; *Puccinia* sp. at Miami, Fla., on *Oncidium* sp. leaf in air baggage from Mexico.

Septoria sp. at New Orleans, La., on anthurium flower petal in quarters from Trinidad(?); at Houston, Tex., on lily in air baggage from Mexico; and at Washington, D.C., on *Quaresmeira roxa* in air express from Brazil.

NEMATODES

Aphelenchoides sp. at Boston, Mass., with Chinese vegetables in cargo from Hong Kong; with unknown greens in air stores from Italy; with unknown plants, in soil with gladiolus corms, and in soil with unknown bulbs and roots in air baggage from the Azores; in unknown roots in air baggage from England; and in soil with parsnips and turnips in stores from the Canary Islands; at Brownsville, Tex., in *Hypochoeris* sp. in air baggage from Argentina; at El Paso, Tex., in soil with amaryllis bulbs, hydrangea, and various plants in baggage from Mexico; at Hoboken, N.J., in colchicum corms in cargo from the Netherlands; and in primrose seed in mail from England; at Laredo, Tex., in chrysanthemum roots in baggage from Mexico; at New Orleans, La., in garlic in transiting cargo from Mexico; at New York, N.Y., in *Dicentra* sp. and *Trollius* sp. roots in aircargo from the Netherlands; at Nogales, Ariz., in soil with bougainvillea and assorted unknown plants in baggage from Mexico; and at Norfolk, Va., in soil with palm plants in baggage from Trinidad.

Aphelenchus sp. at Baltimore, Md., in soil with leeks in stores from Denmark; at Boston, Mass., in soil with bulbs, roots, and unknown plants in air baggage from the Azores; at Brownsville, Tex., in lily roots in baggage from Mexico; at Calexico, Calif., in *Euphorbia* sp. roots in baggage from Mexico; at El Paso, Tex., in soil with amaryllis bulbs and *Gasteria* sp. in baggage from Mexico; at Hoboken, N.J., in dahlia roots in mail from Germany; at Laredo, Tex., in chrysanthemum roots in baggage from Mexico; at Miami, Fla., in soil on roots of banana in air baggage from Cuba; and in soil on roots of unknown plant in air baggage from Argentina; at Nogales, Ariz., in soil with coleus and unknown plants in baggage from Mexico; and at Norfolk, Va., in soil with caladium plant in baggage from Trinidad.

Criconema sp. at Laredo, Tex., in soil with an unknown plant in baggage from Mexico; and at Seattle, Wash., in soil with a dwarf sweet lime tree in baggage from Japan.

Criconemoides sp. at Laredo, Tex., in soil with mango seedling in baggage from Mexico; at Miami, Fla., in soil on cactus roots in air baggage from Chile; and at New Orleans, La., in soil with mint roots in air baggage from Honduras.

Ditylenchus sp. at Boston, Mass., in dasheens in stores from Cuba; at Brownsville, Tex., in soil with *Chamaedorea* sp. plants in baggage from Mexico; at Calexico, Calif., in garlic in baggage from Mexico; at Hoboken, N.J., in colchicum corms in cargo from the Netherlands; and in hop roots in airmail from Germany; and at New Orleans, La., in garlic in cargo from Mexico.

Gottholdsteineria sp. at Boston, Mass., in garlic in stores from France; at Eagle Pass, Tex., in unknown plant in baggage from Mexico; and at Laredo, Tex., in soil with dahlia roots in mail from Germany.

Helicotylenchus sp. at Boston, Mass., in soil with callas, citrus, *Mesembryanthemum* sp., miscellaneous plants, and sedum in air baggage from the Azores; in soil with grape and oleander cuttings in air baggage from Italy; in soil with ivy plants in air baggage from Germany; in soil with petrea flat wood in air baggage from the Union of South Africa; and in soil with spruce tree in baggage from Canada; at Brownsville, Tex., with bougainvillea and royal poinciana plants in baggage from Mexico; in soil with *Chamaedorea* sp. plants in air baggage from Nicaragua; at Eagle Pass, Tex., with unknown plant in baggage from Mexico; at El Paso, Tex., with peperomia plant in baggage from Mexico; at Laredo, Tex., in lemon grass roots, in soil for analysis, and in soil with begonia, gardenia, and succulent plants, and roots of unknown plants in baggage from Mexico; in soil with dracaena plants in express from Cuba; and with unknown plants in baggage and cargo from Mexico; at Miami, Fla., in soil on banana roots and roots of miscellaneous plants in air baggage from Cuba; in soil near roots of coffee plants in air baggage from Guatemala; in soil with fern roots in airmail from Bolivia; and in soil near roots of *Pilea* sp. in air baggage from Peru; at New Orleans, La., in soil with mint roots in air baggage from Honduras; at Nogales, Ariz., in soil with lily bulbs in baggage from Mexico; at Presidio, Tex., in soil with cactus and portulaca plants in baggage from Mexico; at San Juan, P.R., in soil with philodendron plants in air baggage from Puerto Rico; and at Washington, D.C., in soil with olive trees in mail from Italy.

Hemicyclophora sp. at Nogales, Ariz., in soil with lily bulbs in baggage from Mexico.

Heterodera sp., possibly *trifolii* (Goffart) Oostenbrink, at San Pedro, Calif., in soil with shamrock roots in aircargo from Ireland.

Other members of the genus *Heterodera* were intercepted 208 times at 26 ports from the following countries: Argentina, Austria, Azores, Belgium, Cape Verde Islands, Chile, Denmark, Egypt, England, France, Germany, Iceland, Ireland, Italy, Japan, Korea, Malta, Mexico, Morocco, Netherlands, New Zealand, Northern Ireland, Norway, Poland, Scotland, Spain, Sweden, Switzerland, and Turkey. These interceptions were made from soil samples, sand ballast, and soil with the following: New and used automobiles, army equipment, bark, cereal straw jackets, conex boxes, flower bulbs, roots, and tubers, gladiolus corms, lily-of-the-valley pips, old bagging, plants, on shoes, and vegetables.

Hoplolaimus, new species, at Laredo, Tex., in soil with philodendron plants in baggage from Mexico.

Hoplolaimus sp. at Boston, Mass., with unknown plants and in soil with arborvitae plants in air baggage from the Azores.

Meloidogyne sp. probably new species closely related to *brevicauda* Loos, at New York, N.Y., with yams in baggage from Nigeria.

Meloidogyne sp. at Boston, Mass., in dasheens in air baggage from the Azores and Portugal and in stores from Cuba; at Hoboken, N.J., in *Achimenes* sp. tubers in mail from India; in calla lily tubers in cargo from Italy; in astilbe roots in cargo from the Netherlands; in clematis roots in mail from England and in cargo from the Netherlands; in *Curcuma roscoeana* and *C. zedaria* tubers in mail from the Netherlands; in *Kaempferia* spp. tubers in cargo and mail from India and the Netherlands; in Japanese iris roots in cargo from Japan; in peony roots in cargo from the Netherlands and in mail from England; in *Reichsteineria macropoda* roots in cargo from the Netherlands; and in *Thomsonia nepalensis* tubers and in tuberose in mail from India; at Laredo, Tex., in begonia tubers, coriander roots, and ivy roots in baggage from Mexico; at Miami, Fla., in soil with *Aphelandra* sp. roots in aircargo from the Netherlands; in soil with cactus roots in air baggage from Chile; and in soil with *Pittosporum* sp. roots in aircargo from the Netherlands; at New Orleans, La., in potatoes in stores from Italy and Japan; at New York, N.Y., in *Achimenes* sp. tubers in aircargo from India; and in gladiolus corms in cargo from Japan; at Nogales, Ariz., in soil with unknown plants in baggage from Mexico; at San Diego, Calif., in yam in stores from Japan; and at San Pedro, Calif., in dahlia roots in cargo from Japan.

Pratylenchus sp. at Boston, Mass., in soil with dasheens in air baggage from Portugal; at Douglas, Ariz., in soil sample in air baggage from Mexico; at El Paso, Tex., in soil with mint plants in baggage from Mexico; at Hoboken, N.J., in clematis roots in cargo from the Netherlands and in mail from England; in fortune plantainlily roots in cargo from the Netherlands; in iris roots in mail from England and the Netherlands and in cargo from Japan; in *Ligularia clivorum* roots in mail from England; and in roots of *Physostegia* sp., western bleedingheart, and yucca in cargo from the Netherlands; at Laredo, Tex., in chrysanthemum roots in baggage from Mexico; at New York, N.Y., in Kamchatka bugbane roots in aircargo from the Netherlands; at Nogales, Ariz., in soil with lily bulbs in baggage from Mexico; and at San Francisco, Calif., in lily-of-the-valley pips in cargo from Denmark.

Psilenchus sp. at El Paso, Tex., in soil with plants in baggage from Mexico; and at Nogales, Ariz., in soil with caladium tubers in baggage from Mexico.

Radopholus sp., near *gracilis* (de Man) Hirschmann, at Boston, Mass., in water-chestnuts in cargo from Hong Kong.

Radopholus sp. at Boston, Mass., in unknown roots in stores from Egypt.

Rotylenchulus sp. at Norfolk, Va., in soil with palm plants in baggage from Trinidad.

Rotylenchus sp. at Boston, Mass., in soil with *Arctostaphylos* sp. plant in baggage from Ireland; in soil with narcissus bulbs in aircargo and in soil with petrea flat wood in air baggage from the Union of South Africa; and in soil with tulip bulbs in mail from Germany; at Hoboken, N.J., in *Cladrastis* sp. roots in cargo from the Netherlands; at Laredo, Tex., in sansevieria roots in cargo from Mexico; and at Miami, Fla., in soil near roots of *Pilea* sp. in air baggage from Peru.

Scutellonema sp., near *bradys*, at Boston, Mass., in soil with begonia(?) plant in quarters from Belgian Congo.

Scutellonema sp. at Laredo, Tex., in soil with gardenia plants in baggage from Mexico; and at Nogales, Ariz., in soil with amaryllis bulbs in baggage from Mexico.

Tylenchorhynchus sp. at Baltimore, Md., in soil with leeks in stores from Denmark and the Netherlands; at Boston, Mass., with unknown flowering plants in air baggage from Greece; at Brownsville, Tex., with *Chamaedorea* sp. plants, *Pilea* sp. plants, and royal poinciana in baggage from Mexico; at Nogales, Ariz., in soil with bromeliad plants in baggage from Mexico; at Washington, D.C., in soil with olive trees in mail from Italy; and at Ysleta, Tex., in soil with portulaca plants in baggage from Mexico.

Tylenchus sp. at Boston, Mass., in soil with fern asparagus and "Spider" plant in air baggage from Germany; in soil with heather in air baggage from Scotland; and in soil with oleander plant in air baggage from Italy; at Brownsville, Tex., with bougainvillea plant in baggage from Mexico; at Douglas, Ariz., in soil sample in air baggage from Mexico; at El Paso, Tex., in soil with poinsettia and unknown plants in baggage from Mexico; at Laredo, Tex., with begonia tuber in baggage from Mexico; at Miami, Fla., in soil on roots of anthurium in air baggage from Colombia; in soil with roots of *Aphelandra* sp. in aircargo from the Netherlands; in soil on cactus roots in air baggage from Chile; and in soil on unknown plant roots in air baggage from Argentina; at Nogales, Ariz., in soil with bean plants, bromeliad plants, lily bulbs, and an unknown plant in baggage from Mexico; at Norfolk, Va., in rice straw rug in cargo from Japan; and in soil with palm plants in baggage from Trinidad; at San Antonio, Tex., in soil with wandering-jew plant in air baggage from Mexico; and at Ysleta, Tex., in soil with portulaca plant in baggage from Mexico.

Xiphinema sp. at Laredo, Tex., with lily bulbs and in soil around roots of royal poinciana plant in baggage from Mexico; and at Nogales, Ariz., in soil with an unknown plant in baggage from Mexico.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
	<i>Number</i>	<i>Number</i>		<i>Number</i>	<i>Number</i>
Africa:			Australasia—Continued		
Africa (country (?))	0	2	Tahiti	4	0
Algeria	3	0	West Pacific	3	0
Anglo-Egyptian Sudan	1	0	Europe:		
Angola	1	0	Austria	1	1
Belgian Congo	1	0	Azores	14	1
Canary Islands	2	0	Belgium	16	6
Cape Verde Islands	1	0	British Isles	0	1
Egypt	5	1	Czechoslovakia	0	1
Ethiopia	0	1	Denmark	4	3
French West Africa	6	5	England	57	63
Ghana	1	0	England(?)	0	1
Kenya	3	3	Europe (country(?))	0	2
Liberia	1	0	Finland	1	0
Libya	2	0	France	50	7
Madeira Islands	1	0	France(?)	1	0
Mediterranean Region	1	0	Germany	34	27
Morocco	32	0	Greece	22	4
Nigeria	3	0	Ireland	9	7
Rhodesia	1	0	Italy	284	43
Sierra Leone	1	0	Malta	0	1
Tanganyika	1	0	Monaco	1	0
Tunisia	4	0	Netherlands	55	50
Union of South Africa	25	45	Northern Ireland	1	0
West Africa	0	1	Norway	1	2
Asia:			Poland	4	0
Afghanistan	0	1	Portugal	37	7
Ceylon	2	0	Portugal(?)	1	0
China	7	30	Scotland	14	8
Formosa	26	2	Spain	35	8
Federation of Malaya	4	3	Sweden	8	2
Hong Kong	10	49	Sweden(?)	1	0
India	20	11	Switzerland	5	37
India(?)	1	0	Yugoslavia	3	0
Indonesia	7	0	North America:		
Iran	5	0	Bermuda	15	4
Israel	10	3	Canada	8	10
Japan	558	275	Canal Zone	68	8
Japan(?)	3	0	Central America:		
Korea	2	0	British Honduras	13	3
Lebanon	7	0	Central America (country		
Nepal	1	0	(?))	3	1
New Caledonia	1	0	Costa Rica	29	16
Pakistan	0	2	El Salvador	41	3
Singapore	5	5	Guatemala	48	8
Thailand	6	1	Honduras	16	3
Turkey	1	1	Nicaragua	19	1
Vietnam	2	0	Panama	61	5
Australasia:			Panama(?)	1	0
American Samoa	1	4	Mexico	578	382
Australia	35	37	West Indies:		
Australia(?)	1	0	American Virgin Islands	2	0
Christmas Island	0	1	Antigua	4	0
Eniwetok(?)	1	0	Aruba	1	0
Fiji Islands	4	1	Bahamas	24	2
Guam	17	2	Barbados	10	0
Hawaii	583	8	British West Indies	2	0
Kwajalein	2	0	Cuba	73	16
Marshall Islands	1	0	Dominican Republic	23	3
Midway Islands	1	0	Eleuthera Island	1	0
New Guinea	2	4	Grand Cayman	1	0
New Zealand	2	5	Grenada	1	0
Norfolk Island	0	7	Haiti	11	0
Palmyra Island	2	0	Jamaica	52	5
Philippines	34	2	Martinique	1	0
Ponape	2	0	Puerto Rico	30	7
South Pacific	2	0	St. Kitts	2	0
Sumatra	1	0	St. Lucia	1	0

Summary of Numbers of Interceptions Listed in Main Table—Continued

Country	Insect	Disease	Country	Insect	Disease
	<i>Number</i>	<i>Number</i>		<i>Number</i>	<i>Number</i>
North America—Continued			Total:		
West Indies—Continued			Africa.....	96	58
Tortola.....	6	0	Asia.....	678	383
Trinidad.....	25	8	Australasia.....	698	71
South America:			Europe.....	659	282
Argentina.....	9	16	North America.....	1, 170	485
Bolivia.....	1	0	South America.....	255	94
Brazil.....	45	62	Unknown.....	25	25
British Guiana.....	6	1			
Chile.....	69	0	Total.....	3, 581	1, 398
Colombia.....	17	3	Total incompletely deter-		
Ecuador.....	78	2	mined pests.....	2, 279	688
Paraguay.....	1	0			
Peru.....	7	5	Total insect interceptions...	5, 860	-----
Surinam.....	0	1	Total disease interceptions...	-----	2, 086
Uruguay.....	0	1	Grand total.....	-----	¹ 7, 946
Venezuela.....	22	3			

¹ This total represents only pests of known or potential plant quarantine importance or certain organisms of scientific importance. The total of all interceptions made during the year was 18,198.

NOTE.—Interceptions were also made from Borneo, Burma, Dominica, Gibraltar, Greenland, Guadeloupe, Iceland, Iraq, Marquesas Islands, Nevis, St. Martin, St. Michael, Somaliland, Swaziland, Syria, Union of Soviet Socialist Republics, Virgin Islands, and Wales.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Acalymma trivittata</i> (Mann.) (Chrysomelidae):					
<i>Brassica rapa</i> (turnip).....	Mexico.....	1	—	—	Tex.
<i>Acalypta brunnea</i> (Germ.) (Tingidae):					
<i>Saintpaulia ionantha</i> (African violet).....	Germany.....	—	—	1	Ill.
<i>Acanthoscelides armitagei</i> (Pic) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Aruba, Panama.....	2	—	—	N.Y.
<i>Acanthoscelides griseolus</i> (Fall.) (?) (Bruchidae):					
<i>Sesbania</i> sp.....	Mexico.....	1	—	—	Calif.
<i>Acanthoscelides spinipes</i> (Er.) (Bruchidae):					
<i>Lupinus</i> sp. (lupine).....	Italy.....	1	—	—	N.Y.
<i>Vicia faba</i> (broadbean).....	do.....	1	—	—	N.Y.
<i>Aceria macrochelus</i> (Nal.) (Eriophyidae):					
<i>Acer</i> sp. (maple).....	France.....	—	1	—	Mass.
<i>Aceria tulipae</i> (Keif.) (Eriophyidae):					
<i>Allium sativum</i> (garlic).....	Poland.....	1	—	—	Mass.
<i>Achatina fulica</i> Fer. (Mollusca):					
Military cargo.....	Guam.....	2	—	—	Calif.*
<i>Acedra fraterno</i> (Stal) (Pentatomidae):					
<i>Vitis</i> sp. (grape).....	Chile.....	1	—	—	N.Y.
<i>Aclerda yunnanensis</i> Ferris (Coccidae):					
Grass.....	Philippines.....	1	—	—	Calif.*
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae):					
<i>Allium porrum</i> (leek).....	Belgium, France, Italy, Netherlands.....	—	5	—	Pa.
<i>Brassica rapa</i> (turnip).....	Unknown.....	—	1	—	La.
<i>Acrosternum heegeri</i> (Fieber) (Pentatomidae):					
<i>Citrus sinensis</i> (orange).....	Israel.....	1	—	—	N.Y.
<i>Adleria kollari</i> (Htg.) (Cynipidae):					
<i>Quercus cerris</i> (European Turkey oak).....	Italy.....	1	—	—	N.Y.
<i>Adoretus sinicus</i> (Burm.) (Scarabaeidae):					
Airplane.....	Hawaii, Japan, unknown.....	—	4	—	Hawaii.
Baggage.....	Hawaii.....	1	—	—	Hawaii.
Beans.....	do.....	1	—	—	Hawaii.
Flowers.....	do.....	1	—	—	Hawaii.
<i>Operculina tuberosa</i>	do.....	1	—	—	Hawaii.
Mail parcel.....	do.....	1	—	—	Hawaii.
<i>Adoxophyes orana</i> (F.R.) (Tortricidae):					
<i>Syringa</i> sp. (lilac).....	Netherlands.....	2	—	—	N.Y.
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia fistula</i> (golden-shower).....	Trinidad, Venezuela.....	1	—	2	Fla., N.Y., P.R.
<i>Cassia</i> sp.....	Cuba, Trinidad.....	1	—	1	N.Y.
<i>Agonozena argaula</i> Meyr. (Agonoxenidae):					
<i>Cocos nucifera</i> (coconut).....	Palmyra Islands.....	—	—	1	Hawaii.
<i>Agrotis exusta</i> (Btlr.) (Noctuidae):					
Airplane.....	Japan.....	—	1	—	Hawaii.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (lime).....	Mexico.....	—	1	—	Calif.*
<i>Citrus aurantium</i> (sour orange).....	Nicaragua.....	1	—	—	Tex.
<i>Citrus sinensis</i> (orange).....	Mexico.....	5	—	—	Ariz., Tex.
<i>Citrus</i> sp.....	Mexico, Nicaragua.....	9	—	—	Ariz., Tex.
<i>Aleuroglandulus emmae</i> Rsl. (Aleyrodidae):					
Orchid.....	Mexico.....	—	—	1	Tex.
<i>Aleurolobus olivinus</i> Silvestri (Aleyrodidae):					
<i>Olea europaea</i> (olive).....	Italy.....	1	—	—	N.Y.
<i>Aleuroparadoxus gardeniae</i> Rsl. (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia).....	Mexico.....	1	—	—	Tex.
<i>Aleuroplatus plumosus</i> (Q.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	England.....	—	1	—	Mass.
<i>Aleuroplatus variegatus</i> Q. & B. (Aleyrodidae):					
<i>Collinia elegans</i>	Mexico.....	1	—	—	Tex.
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange).....	Brazil, Mexico.....	1	2	—	Calif.,* Pa., Tex.
<i>Citrus</i> sp.....	Dominican Republic, Mexico, Nicaragua.....	4	—	—	P.R., Tex.
<i>Aleurothrixus myrtacei</i> Bondar (Aleyrodidae):					
<i>Citrus sinensis</i> (orange).....	Brazil.....	—	1	—	Pa.
<i>Aleurotrachelus camelliae</i> (Kuw.) (Aleyrodidae):					
<i>Camellia japonica</i> (camellia).....	Japan.....	—	—	1	D.C.
<i>Camellia sasanqua</i> (sasanqua camellia).....	do.....	—	—	4	D.C.

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[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Aleurotuberculatus aucubae</i> (Kuw.) (Aleyrodidae):					
<i>Ilex crenata</i> (Japanese holly).....	Japan.....			1	D.C.
<i>Aleurotuberculatus magnoliae</i> Takah. (Aleyrodidae):					
<i>Corylopsis spicata</i>	do.....			1	D.C.
<i>Aleurotuberculatus similis</i> Takah. (Aleyrodidae):					
<i>Ilex crenata</i> (Japanese holly).....	do.....			4	D.C.
<i>Ilex integra leucoclada</i>	do.....			1	D.C.
<i>Ilex rugosa</i>	do.....			2	D.C.
<i>Ilex sugeroki</i>	do.....			2	D.C.
<i>Vaccinium axillare</i>	do.....			1	D.C.
<i>Aleyrodes lonicerae</i> Wlk. (Aleyrodidae):					
<i>Fragaria</i> sp. (strawberry).....	Germany.....			1	N.J.
Soil with unknown plant.....	Austria.....			1	N.Y.
<i>Amblycephalus spectrus</i> (Dist.) (Cicadellidae):					
Airplane.....	Japan(?).....		1		Hawaii.
<i>Amitermes wheeleri</i> (Desne) (Termitidae):					
Cactus.....	Mexico.....			1	Tex.
<i>Amphelasma decoratum</i> (Jac.) (Chrysomelidae):					
Orchid.....	do.....			1	Ariz.
<i>Amyssonotum rastratum flexum</i> McA. & Mall. (Pentatomidae):					
<i>Pleurothallis</i> sp. (orchid).....	do.....			1	Tex.
<i>Anacraga sofia</i> Dyar (Dalceridae):					
Orchid.....	do.....			1	Tex.
<i>Anaphothrips orchidaceus</i> Bagn. (Thripidae):					
<i>Laelia anceps</i> (orchid).....	do.....			1	Tex.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Calocarpum sapota</i> (mamey sapote).....	do.....	1			Tex.
<i>Citrus aurantifolia</i> (sweet lime).....	do.....	10			Ariz., Tex.
<i>Citrus aurantium</i> (sour orange).....	do.....	1			Tex.
<i>Citrus paradisi</i> (grapefruit).....	do.....	10	1		La., Tex.
<i>Citrus sinensis</i> (orange).....	Guatemala, Mexico.....	62	11		Ala., Ariz., Fla., La., N.Y., Pa., Tex.
<i>Cydonia oblonga</i> (quince).....	Mexico.....	7			Tex.
<i>Mangifera indica</i> (mango).....	do.....	70	1		Ala., Ariz., Calif., Tex.
<i>Persea americana</i> (avocado).....	do.....	1			Tex.
<i>Prunus persica</i> (peach).....	do.....	1			Tex.
<i>Punica granatum</i> (pomegranate).....	do.....	1			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Eugenia malaccensis</i> (Malay-apple).....	Guatemala.....	1			Tex.
<i>Mangifera indica</i> (mango).....	Central America, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico.	101	8		Ala., Ariz., Calif., Calif.,* Fla., Ill., La., Md., N.Y., P.R., S.C., Tex.
<i>Psidium guajava</i> (guava).....	Mexico.....	1			Fla.
<i>Spondias mombin</i> (yellow mombin).....	Honduras(?), Nicaragua.....	3			Calif.*
<i>Spondias purpurea</i> (purple mombin).....	Central America, El Salvador, Guatemala, Honduras, Nicaragua.	12	1		La., Tex.
Unknown.....	Mexico.....			1	Tex.
<i>Anastrepha mombinpraeoptans</i> Sein(?) (Tephritidae):					
<i>Spondias mombin</i> (yellow mombin).....	Trinidad.....	1			Fla.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Calocarpum sapota</i> (mamey sapote).....	Mexico.....	2			Calif.
<i>Lucuma psammophila</i>	Brazil.....			2	D.C.
<i>Anastrepha striata</i> Schin. (?) (Tephritidae):					
<i>Psidium guajava</i> (guava).....	Mexico.....	1			Ariz.

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<i>Ancylostomia stercorea</i> (Zell.) (Phycitidae):					
Bean	Panama	1			Fla.
<i>Cajanus cajan</i> (pigeonpea)	Bahamas, Dominican Republic, Panama, Puerto Rico, St. Kitts, Tortola.	25			Fla., N.Y., St. Thomas and St. John.
<i>Pisum sativum</i> (pea)	Bahamas, Panama	6			Fla.
<i>Andrector atrofasciata</i> (Jac.) (Chrysomelidae):					
<i>Tillandsia</i> sp.	Mexico			1	Tex.
<i>Andrector ruficornis</i> (Oliv.) (Chrysomelidae):					
Bean	Cuba	1			Fla.
<i>Anoecia corni</i> (F.) (Aphidae):					
<i>Cornus</i> sp.	England			1	D.C.
<i>Anomala orientalis</i> Waterh. (Scarabaeidae):					
Baggage	Hawaii	1			Hawaii.
<i>Anthonomus rectirostris</i> (L.) (Curculionidae):					
<i>Prunus serotina</i> (black cherry)	Belgium			1	N.J.
<i>Antonina graminis</i> (Mask.) (Coccidae):					
<i>Cynodon</i> sp.	Tanganyika			1	D.C.
<i>Panicum purpurascens</i> (para grass)	Philippines			1	D.C.
<i>Aonidiella citrina</i> Coq. (Coccidae):					
Orchid	Jamaica			1	Fla.
<i>Aonidiella comperei</i> Mask. (Coccidae):					
<i>Jasminum</i> sp. (jasmine)	do			1	Fla.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Citrus grandis</i> (pummelo)	Philippines	1			Hawaii.
<i>Citrus limon</i> (lemon)	India			1	D.C.
<i>Citrus reticulata</i> (Mandarin orange)	Guam	2			Calif.,* Hawaii.
<i>Cocos nucifera</i> (coconut)	do	4	1		Hawaii.
<i>Cycas</i> sp.	Philippines			1	Calif.*
<i>Aonidiella lauretorm</i> (Ldgr.) (Coccidae):					
<i>Ilex latifolia</i>	Portugal			1	D.C.
<i>Apion carduorum</i> Kirby (Curculionidae):					
<i>Cynara scolymus</i> (globe artichoke)	Italy	1			Mass.
<i>Apion griseum</i> Sm. (Curculionidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Mexico	2			Tex.
<i>Araecerus levipennis</i> Jord. (Anthribidae):					
<i>Leucaena glauca</i>	Hawaii	29			Hawaii
<i>Arge pullata</i> (Zadd.) (Argidae):					
<i>Betula</i> sp. (birch)	Finland			1	N.Y.
<i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae):					
<i>Malus sylvestris</i> (apple)	England, Germany, Ireland, Italy, Sweden, unknown.	5	3		N.Y., Tex.
<i>Arion circumscriptus</i> Johnston (Mollusca):					
Soil with fir trees	Canada			1	N.J.
Soil with gladiolus bulbs	Germany			1	N.J.
Soil with unknown plant	Italy			1	N.Y.
<i>Aspidiotus aesculi</i> Johns. (Coccidae) (tentative):					
Unknown twig	Mexico	1			Ariz.
<i>Aspidiotus abietis</i> (Schrank) (Coccidae):					
<i>Tsuga</i> sp. (hemlock)	Sweden(?)	1			Mass.
<i>Aspidiotus aharonii</i> Bod. (Coccidae):					
<i>Ceratonia siliqua</i> (carob)	Israel			1	D.C.
<i>Aspidiotus australiensis</i> Kuw. (Coccidae):					
<i>Dendrobium undulatum</i> (orchid)	Australia			1	Hawaii.
<i>Aspidiotus cryptomeriae</i> Kuw. (Coccidae):					
<i>Cryptomeria japonica</i>	Japan			1	D.C.
<i>Aspidiotus degeneratus</i> (Leon) (Coccidae):					
<i>Camellia japonica</i> (camellia)	do			2	D.C., Hawaii.
<i>Camellia</i> sp.	Japan, Portugal			3	D.C., Hawaii.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Bambusa</i> sp.	Japan		1		Calif.*
<i>Camellia sinensis</i> (tea)	do			1	D.C.
<i>Cocos nucifera</i> (coconut)	Canal Zone, Costa Rica, Jamaica, Mexico, Panama.	6			Ariz., Calif.,* Fla.
<i>Cyrtopodium</i> sp. (orchid)	British Guiana			1	N.J.
Leaf—unknown	Barbados	1			Mass.

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<i>Aspidiotus destructor</i> Sign. (Coccidae)—Con.					
<i>Licuala grandis</i> (palm)	Cuba			1	Fla.
<i>Mangifera indica</i> (mango)	Singapore			1	Fla.
<i>Nipa</i> sp. (palm)	Tahiti			1	Hawaii.
Orchid	Canal Zone, Jamaica, Japan.		1	2	Calif.,* Fla.
Palm	Philippines			1	Calif.*
<i>Prunus amygdalus</i> (almond)	Mexico	1			Tex.
<i>Rhapis</i> sp.	Japan			1	Calif.*
<i>Terminalia catappa</i> (bitter almond)	Mexico	1			Tex.
<i>Trachelospermum asiaticum</i>	Japan			1	D.C.
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Osmanthus fragrans</i>	do			1	D.C.
<i>Pachysandra terminalis</i> (Japanese pachysandra)	do			2	D.C.
<i>Aspidiotus herculeanus</i> Ckll. & Hadden (Coccidae):					
<i>Erythrina fusca</i>	Fiji Islands			1	D.C.
<i>Aspidiotus mairei</i> (Bal.) (Coccidae):					
<i>Cytisus hirsutus</i>	France			1	D.C.
<i>Aspidiotus mendax</i> McKenzie (Coccidae):					
<i>Odontoglossum grande</i> (orchid)	Gautemala			1	Calif.*
<i>Aspidiotus palmarum</i> Ckll (Coccidae):					
<i>Cinnamomum casia</i>	Indonesia			1	D.C.
<i>Cocos nucifera</i> (coconut)	Mexico	1			Calif.*
<i>Dendrobium victoriae reginae</i> (orchid)	Philippines			1	Hawaii.
<i>Jasminum multiflorum</i>	Australia	1			Hawaii.
<i>Myristica fragrans</i> (nutmeg)	St. Lucia			1	Fla.
Orchid	Costa Rica, Guatemala			2	Fla.
<i>Aspidiotus popularum</i> Marl. (Coccidae) (tentative):					
<i>Phoradendron flavescens</i> (mistletoe)	Mexico	1			Tex.
<i>Aspidiotus pseudomeyeri</i> Kuw. (Coccidae):					
<i>Thuja</i> sp. (arborvitae)	Japan		1		Hawaii.
<i>Asterobemisia carpinii</i> (Koch) (Aleyrodidae):					
<i>Rubus</i> sp.	France		9		Mass., N.Y.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo	Venezuela			1	N.Y.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Broughtonia</i> sp. (orchid)	Jamaica			2	Fla.
<i>Cattleya</i> sp. (orchid)	Brazil, Venezuela			3	Fla., N.J.
<i>Epidendrum</i> sp. (orchid)	Cuba			1	Fla.
<i>Oncidium pulchellum</i> (orchid)	Jamaica			1	Hawaii.
<i>Oncidium</i> sp.	Brazil			1	Fla.
Orchid	Bahamas, Brazil, British Honduras, Canal Zone, Costa Rica, Cuba, Guatemala, Jamaica, Mexico, Panama.		1	21	Ariz., Fla., Mass.
<i>Asterolecanium miliaris</i> (Bdv.) (Coccidae):					
Bamboo	Cuba	1			Fla.
<i>Asterolecanium miliaris miliaris</i> (Bdv.) (Coccidae):					
Bamboo	Trinidad, Venezuela	1		1	Fla., N.Y.
<i>Asterolecanium miliaris robustum</i> Green (Coccidae):					
Bamboo	Antigua	1			Mass.
<i>Asterolecanium petrophilae</i> (Fuller) (Coccidae):					
<i>Grevillea pilulifera</i>	Australia	1			Fla.
<i>Athesapeuta cyperi</i> Mshl. (Curculionidae):					
<i>Vanda</i> sp. (orchid)	Hawaii	4			Hawaii.
<i>Aulacaspis latissimus</i> (Ckll.) (Coccidae):					
<i>Distylium racemosum</i>	Japan			1	D.C.
<i>Aulacaspis madiunensis</i> (Zehnt.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	New Guinea			1	D.C.
<i>Aulacaspis mangiferae</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango)	El Salvador, Philippines	4			Calif.*
<i>Aulacaspis tubercularis</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango)	El Salvador, Mexico	4			Calif., Tex.
<i>Azeta versicolor</i> (F.) (Noctuidae):					
Airplane	Panama		1		Fla.
<i>Barathra brassicae</i> (L.) (Noctuidae):					
<i>Brassica chinensis</i> (Chinese cabbage)	Japan		1		La.
<i>Brassica pekinensis</i> (petsai)	do		1		Wash.

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<i>Batrachedra linaria</i> Clarke (Cosmopterygidae):					
<i>Agave</i> sp.	Mexico			1	Calif.
<i>Bemisia citricola</i> Gomez-Menor(?) (Aleyrodidae):					
<i>Citrus reticulata</i> (Mandarin orange)	Italy	1			Mass.
<i>Bemisia tabaci</i> (Genn.) (Aleyrodidae):					
<i>Hibiscus</i> sp.	Haiti			1	Fla.*
<i>Blastophagus piniperda</i> (L.) (Scolytidae):					
<i>Abies</i> sp. (fir)	Sweden	1			Mass.
<i>Blissus pulchellus</i> Mont. (Lygaeidae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Ariz.
<i>Bostrychoplites cornutus</i> (Oliv.) (Bostrichidae):					
Palm	Kenya	1			Va.
<i>Bouhelia maroccana</i> Bal. (Coccidae):					
<i>Muscari comosum</i> (cipollino)	Morocco	1			N.Y.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy		1		N.Y.
<i>Brachycerus algerus</i> F. (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy, Spain	14	1		N.Y., P.R., Tex.
<i>Brachyrhinus ovatus</i> (L.) (Curculionidae):					
Soil with fir trees	Canada			1	N.J.
<i>Brachyrhinus porcatus</i> (Hbst.) (Curculionidae):					
Rosaceous shrubs	Germany			1	N.Y.
<i>Bradybaena similis</i> (Fer.) (Mollusca):					
<i>Alpinia purpurata</i>	Hawaii	1			Hawaii.
<i>Anthurium</i> sp.	do	3			Hawaii.
<i>Cordyline terminalis</i> (tl)	do	3			Hawaii.
<i>Esenbeckia leiocarpa</i>	Brazil			1	D.C.
Flowers	Hawaii	1			Hawaii.
Orchid	do	1			Hawaii.
<i>Peperomia</i> sp.	Brazil		1		Mass.
<i>Selaginella</i> sp.	do			1	D.C.
Soil with amaryllis bulb	Bermuda			1	Mass.
<i>Vanda joaquimiae</i> (orchid)	Hawaii	2			Hawaii.
<i>Vanda</i> sp.	do	5			Hawaii.
With anthurium and vanda flowers	do	1			Hawaii.
<i>Brevipalpus obovatus</i> Donn. (Tenuipalpidae):					
<i>Hedera</i> sp. (ivy)	Germany			1	Mass.
<i>Iochroma coccineum</i>	Portugal			1	D.C.
<i>Michelia fuscata</i>	Brazil			1	D.C.
<i>Pittosporum undulatum</i>	do			1	D.C.
<i>Brevipalpus oncidii</i> Baker (Tenuipalpidae):					
Orchid	England			1	D.C.
<i>Brevipalpus phoenicis</i> (Geijskes) (Tenuipalpidae):					
<i>Alocasia cucullata</i>	France			1	D.C.
<i>Citrus sinensis</i> (orange)	Canary Islands		1		Fla.
Orchid	Panama			1	Fla.
<i>Stanhopea</i> sp. (orchid)	Canal Zone			1	Fla.
<i>Bruchus ervi</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy, Lebanon	5		1	N.Y., Oreg.
<i>Bruchus guttalis</i> Rey(?) (Bruchidae):					
<i>Vicia sativa</i> (vetch)	Portugal	1			N.Y.
<i>Bruchus luteicornis</i> Ill. (Bruchidae):					
<i>Vicia sativa</i> (vetch)	Cape Verde Islands, Sumatra.	1		1	D.C., Mass.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy	5			N.Y.
<i>Bruchus tristis</i> Boh. (Bruchidae):					
Bean	do	1			N.Y.
<i>Cicer arietinum</i> (chickpea)	Greece			1	N.Y.
<i>Lathyrus sativus</i> (grass pea)	Italy			1	N.Y.
Legume	Unknown	1			N.Y.
<i>Lupinus</i> sp. (lupine)	Italy	2			N.Y.
<i>Vicia faba</i> (broadbean)	do	2			N.Y.
<i>Bryobia cristata</i> (Duges) (Tetranychidae):					
<i>Chrysanthemum</i> sp.	Japan			1	Wash.
Flowers	do		1		Wash.
<i>Bucculatrix thurberiella</i> Busck (Lyonetidae):					
<i>Gossypium</i> sp. (cotton; boll)	Mexico	1			Ariz.
<i>Callidium rufipenne</i> Mots. (Cerambycidae):					
Packing case with artificial flowers	Japan	1			N.Y.

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<i>Calligrapha labyrinthica</i> Stal (Chrysomelidae): Bromeliad.....	Mexico.....	-----	-----	1	Tex.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae): <i>Crotalaria spectabilis</i>	Union of South Africa.....	-----	-----	1	D.C.
<i>Phaseolus</i> sp.....	Japan.....	-----	1	-----	Calif.*
<i>Vicia faba</i> (broadbean).....	Egypt.....	1	-----	-----	N.Y.
With foodstuff, grain, nuts, and assorted seeds.....	India.....	1	-----	-----	N.Y.
<i>Carposina niponensis</i> Wal. (Carposinidae): <i>Malus sylvestris</i> (apple).....	Japan.....	-----	4	-----	Va., Wash.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae): <i>Arachis hypogaea</i> (peanut).....	Portugal.....	1	-----	-----	N.Y.
<i>Cassia javanica</i> (appleblossom senna).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Cassia</i> sp.....	do.....	1	-----	-----	Hawaii.
<i>Pisum sativum</i> (pea).....	India.....	-----	1	-----	Ala.
<i>Tamarindus indica</i> (tamarind).....	Hawaii.....	2	-----	-----	Hawaii.
<i>Vanda</i> sp. (orchid).....	do.....	1	-----	-----	Hawaii.
<i>Caryedon fuscus</i> (Goeze) (?) (Bruchidae): <i>Peltophorum africanum</i>	Rhodesia.....	-----	-----	1	N.J.
<i>Cenaesus pectoralis</i> (Stal) (Pyrrhocoridae): <i>Protea</i> sp.....	Union of South Africa.....	1	-----	-----	N.Y.
<i>Cenopalpus pulcher</i> (C. & F.) (Tenuipalpidae): <i>Buxus</i> sp. (box).....	Portugal.....	-----	1	-----	Mass.
<i>Cepaea nemoralis</i> (L.) (Mollusca): Dunnage with automobiles.....	Germany.....	1	-----	-----	Calif.*
<i>Petroselinum crispum</i> (parsley).....	do.....	-----	1	-----	Pa.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae): Cactus.....	Italy.....	1	-----	-----	Mass.
<i>Citrus limon</i> (lemon).....	do.....	1	-----	-----	N.Y.
<i>Citrus reticulata</i> (Mandarin orange).....	Israel, Italy, Libya, Tunisia.....	10	1	-----	N.J., N.Y., S.C.
<i>Citrus sinensis</i> (orange).....	Argentina, Azores, Egypt, Israel, Italy, Lebanon, Spain.....	3	16	-----	Fla., Md., Mass., N.J., Pa., S.C., Tex., Va.
<i>Coffea arabica</i> (Arabian coffee).....	Hawaii.....	24	-----	-----	Calif.,* Hawaii.
<i>Cydonia oblonga</i> (quince).....	Greece, Italy.....	7	-----	-----	N.Y.
<i>Ficus carica</i> (fig).....	Italy.....	2	-----	-----	Ill., N.Y.
<i>Mangifera indica</i> (mango).....	Egypt.....	1	-----	-----	N.J.
<i>Olea europaea</i> (olive).....	Italy.....	1	-----	-----	Mass.
<i>Opuntia humifusa</i> (pricklypear).....	do.....	8	-----	-----	N.Y.
<i>Prunus domestica</i> (plum).....	do.....	1	-----	-----	Mass.
<i>Prunus persica</i> (peach).....	Italy, Tunisia.....	2	1	-----	Mass., N.Y.
<i>Psidium guajava</i> (guava).....	Azores, Portugal.....	3	-----	-----	Mass.
<i>Punica granatum</i> (pomegranate).....	Italy.....	2	-----	-----	N.Y.
<i>Pyrus communis</i> (pear).....	France(?), Greece, Italy, Spain.....	4	4	-----	Mass., N.Y. Pa.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae): <i>Capsicum frutescens grossum</i> (bell pepper).....	Belgian Congo.....	-----	1	-----	Md.
<i>Citrus aurantifolia</i> (sweet lime).....	Azores.....	-----	1	-----	Mass.
<i>Citrus sinensis</i> (orange).....	Brazil, Spain, Union of South Africa.....	1	2	-----	Fla., Mass.
<i>Ficus carica</i> (fig).....	Italy.....	1	-----	-----	Mass.
<i>Cerconota anonella</i> (Sepp) (Stenomidae): <i>Annona</i> sp.....	Brazil.....	1	-----	-----	N.Y.
<i>Ceresium unicolor</i> (F.) (Cerambycidae): Airplane.....	Guam.....	-----	1	-----	Hawaii.
<i>Ceronema japonica</i> Mask. (?) (Coccidae): <i>Ilex crenata</i> (Japanese holly).....	Japan.....	-----	-----	1	D.C.
<i>Ceroplastes japonicus</i> Green (Coccidae): <i>Chaenoma</i> sp.....	do.....	-----	-----	1	Hawaii.
<i>Cotoneaster</i> sp.....	do.....	-----	-----	2	Hawaii, Hawaii.*
<i>Prunus</i> sp.(?).....	do.....	-----	-----	1	Hawaii.
<i>Ceroplastes rubens</i> Mask. (Coccidae): <i>Alpinia purpurata</i>	Hawaii.....	1	-----	-----	Hawaii.
<i>Alyxia olivaeformis</i> (maile).....	do.....	13	-----	-----	Hawaii.
<i>Anthurium</i> sp.....	do.....	3	-----	-----	Hawaii.
<i>Camellia rusticana</i>	Japan.....	-----	-----	1	D.C.
<i>Camellia</i> sp.....	Formosa, Japan.....	-----	-----	2	Calif.,* D.C.
<i>Cotoneaster</i> sp.....	Japan.....	-----	-----	1	Hawaii.
<i>Gardenia augusta</i> (gardenia).....	Hawaii, Japan.....	2	-----	-----	Hawaii.

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		Consumption	Non-entry	Propagation	
<i>Ceroplastes rubens</i> Mask. (Coecidae)—Con.					
<i>Gardenia</i> sp.	Japan			1	Hawaii.
<i>Hedera helix</i> (English ivy)	do	1			Hawaii.
<i>Ilex serrata</i>	do			1	Calif.*
<i>Metrosideros collina</i>	Hawaii			1	Hawaii.
<i>Rhododendron</i> sp.	Japan			1	N.Y.
<i>Ceroplastes rusci</i> (L.) (Coecidae):					
<i>Ficus arbutifolia</i>	Italy			1	D.C.
<i>Ficus carica</i> (fig)	Israel, Italy	3		2	Calif.,* Ill., N.Y.
<i>Ficus</i> sp.	Italy			1	D.C.
<i>Ceroplastes sinensis</i> del Guer.(?) (Coccidae):					
<i>Citrus limon</i> (lemon)	do	1			N.Y.
<i>Chaetanaphothrips orchidii</i> (Mlt.) (Thripidae):					
<i>Operculina tuberosa</i> (wood-rose)	Hawaii	1			Hawaii.
<i>Chalcodermus aeneus</i> Boh. (Curculionidae):					
<i>Cajanus cajan</i> (pigeonpea)	Bahamas, Barbados, Panama.	6		1	Fla., N.Y.
<i>Chermes piceae</i> Ratz. (Chermidae):					
<i>Abies amabilis</i>	Canada			1	Wash.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)	Mexico	20			Ariz., Calif.
<i>Zea mays</i> (corn)	do	3			Ariz.
<i>Chilo suppressalis</i> (Wlk.) (Crambidae):					
<i>Oryza sativa</i> (rice)	Japan, Korea, Portugal(?)	16	3		Calif.,* Va., Wash.
<i>Chionaspis salicis</i> (L.) (Coccidae):					
<i>Buxus</i> sp. (box)	Sweden			1	Mass.
<i>Cytisus</i> sp.	Spain			1	D.C.
<i>Sorbus</i> sp.	Norway			1	N.Y.
<i>Chrysomphalus agavis</i> (Townsend & Ckll.) (Coccidae):					
<i>Yucca elephantipes</i>	Mexico			1	Ariz.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
<i>Anthurium</i> sp.	do			3	Tex.
<i>Chamaedorea</i> sp.	do	1			Tex.
<i>Cocos nucifera</i> (coconut)	do		1		Calif.*
<i>Philodendron</i> sp.	do			1	Tex.
<i>Chrysomphalus bifasciculatus</i> Ferris (Coccidae):					
<i>Citrus reticulata</i> (Mandarin orange)	Japan		1		Calif.*
<i>Fatsia japonica</i> (fatsia)	do		1		Wash.
<i>Hedera helix</i> (English ivy)	do	1			Hawaii.
<i>Ilex crenata</i> (Japanese holly)	do			1	D.C.
<i>Chrysomphalus diversicolor</i> Green (as defined by McKenzie) (Coccidae):					
<i>Citrus sinensis</i> (orange)	Canary Islands		1		Pa.
<i>Chrysomphalus inopinatus</i> (Leon) (Coccidae):					
<i>Pistacia</i> sp. (pistache)	Lebanon	1			N.Y.
<i>Chrysomphalus minutus</i> Kotinsky (Coccidae):					
Unknown plant	Philippines	1			Calif.*
<i>Chrysomphalus odontoglossi</i> (Ckll.) (Coccidae):					
<i>Broughtonia</i> sp. (orchid)	Jamaica			1	N.J.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Mexico	1			Calif.*
<i>Mangifera indica</i> (mango)	Madeira Islands, Mexico	3			Calif., Mass.
<i>Nerium oleander</i> (oleander)	Mexico			1	Tex.
Orchid	Brazil			1	Tex.
Palm	Venezuela		1		Pa.
<i>Persea americana</i> (avocado)	Mexico	3			Tex.
<i>Rosa</i> sp.	Panama			1	P.R.
<i>Chrysomphalus pinnulifera</i> (Mask.) (Coccidae):					
<i>Dendrobium nobile</i> (orchid)	India			1	Tex.
<i>Chrysomphalus propositus</i> Banks (as defined by McKenzie) (Coccidae):					
Palm	Venezuela		1		Pa.
<i>Chrysomphalus sacculata</i> (Ferris) (Coccidae) (tentative):					
Twig—unknown	Mexico	1			Ariz.
<i>Chrysomphalus sphaerioides</i> (Ckll.) (Coccidae):					
<i>Chamaedorea oblongata</i>	do	1			Tex.
<i>Dracaena</i> sp.	do			1	Tex.
Palm	do	1			Mass.
<i>Philodendron</i> sp.	do			1	Tex.

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<i>Chrysomphalus ienax</i> (McKenzie) (Coccidae):					
<i>Cattleya skinneri</i> (orchid).....	Panama.....	-----	-----	1	Calif.*
Palm.....	Guatemala.....	-----	-----	1	Tex.
<i>Philodendron</i> sp.....	Mexico.....	-----	-----	3	Tex.
<i>Chrysomphalus tingi</i> (McKenzie) Coccidae):					
<i>Cocos nucifera</i> (coconut).....	do.....	2	-----	-----	Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Anthurium</i> sp.....	Ecuador, Nicaragua.....	-----	-----	2	Calif.*
<i>Cattleya</i> sp. (orchid).....	Costa Rica.....	-----	-----	1	Fla.
<i>Cattleya</i> (?) sp.....	Mexico.....	-----	-----	1	Calif.*
<i>Epidendrum</i> sp. (orchid).....	El Salvador.....	-----	-----	1	Fla.
<i>Oncidium</i> sp. (orchid).....	Costa Rica.....	-----	-----	1	Fla.
Orchid.....	Canal Zone, Costa Rica, Guatemala, Honduras, Mexico, Panama(?).	-----	-----	8	Fla., N.J.
<i>Philodendron</i> sp.....	Mexico.....	-----	-----	1	Tex.
<i>Schomburgkia</i> sp. (orchid).....	British Honduras.....	-----	-----	1	Fla.
<i>Coccus capparidis</i> (Green) (Coccidae):					
<i>Cypripedium insigne</i> (orchid).....	India.....	-----	-----	1	N.J.
<i>Cypripedium</i> sp.....	do.....	-----	-----	2	N.J.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Aralia</i> sp.....	Cuba.....	-----	-----	1	Fla.
<i>Citrus</i> sp.....	Puerto Rico.....	1	-----	-----	Ill.
<i>Coffea</i> sp. (coffee).....	Jamaica.....	1	-----	-----	Fla.
<i>Gardenia augusta</i> (gardenia).....	Hawaii, Phillipines.....	43	-----	5	Calif.,* Hawaii.
<i>Gerbera</i> sp.....	Trinidad.....	-----	-----	1	Fla.
<i>Ixora</i> sp.....	Jamaica, Panama, Trini- dad.....	-----	-----	3	Fla., P.R.
<i>Jasminum</i> sp.....	Algeria.....	-----	-----	1	N.J.
Plant—unknown.....	Hawaii.....	-----	-----	1	Hawaii.
<i>Stanhopea</i> sp. (orchid).....	Peru.....	-----	-----	1	Fla.
<i>Coelonertus nigrirostris</i> Solari (Curculionidae):					
<i>Collinia elegans</i>	Mexico.....	40	-----	-----	Tex.
<i>Conchaspis orchidarum</i> Mamet (Coccidae):					
<i>Brassavola</i> sp. (orchid).....	Canal Zone.....	-----	-----	1	Fla.
<i>Lockhartia</i> sp. (orchid).....	do.....	-----	-----	1	Fla.
<i>Conotelus mexicanus</i> Murr. (Nitidulidae):					
<i>Chrysanthemum</i> sp.....	Mexico.....	1	-----	-----	Ariz.
Flowers.....	Hawaii.....	1	-----	-----	Hawaii
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	Mexico.....	10	1	1	La., Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	Central America.....	-----	1	-----	N.Y.
<i>Coptotermes formosanus</i> Shiraki (Rhinotermitidae):					
Airplane.....	Hawaii.....	-----	1	-----	Calif.*
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Ecuador, Honduras, Mex- ico.....	2	-----	2	La., Pa., Tex.
<i>Musa</i> sp.....	Costa Rica.....	-----	-----	1	N.J.
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae):					
Bromeliad.....	Mexico.....	-----	-----	1	Tex.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....	-----	-----	1	N.J.
<i>Citrus limon</i> (lemon).....	Italy.....	-----	1	-----	La.
<i>Citrus sinensis</i> (orange).....	Greece, Spain(?).....	1	1	-----	N.J., N.Y.
<i>Punica granatum</i> (pomegranate).....	Greece, Israel, Italy, Spain.....	11	-----	-----	N.Y.
<i>Cryptophlebia illepida</i> (Btlr.) (Olethreutidae):					
<i>Euphoria longan</i>	Hawaii.....	1	-----	-----	Hawaii.
<i>Litchi chinensis</i> (lychee).....	do.....	1	-----	-----	Hawaii.
<i>Cryptophlebia ombrodelta</i> (Lower) (Olethreutidae):					
<i>Tamarindus indica</i> (tamarind).....	Philippines.....	1	-----	-----	Hawaii.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae):					
Wooden crates.....	Hawaii.....	1	-----	-----	Calif.*
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea</i> sp. (chestnut).....	France, Greece, Italy, Portugal, Spain, Turkey.....	58	6	1	Calif.,* Fla., Mass., N.Y., Tex., Wash.
<i>Quercus cerris</i> (European Turkey oak).....	Italy.....	-----	-----	1	N.J.
<i>Quercus ilex</i> (holly oak).....	do.....	-----	-----	1	Calif.*
<i>Quercus</i> sp. (oak).....	do.....	1	-----	-----	N.Y.

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<i>Curculio nucum</i> L. (Curculionidae):					
<i>Corylus avellana</i> (filbert)	Italy	1			Mass.
<i>Cylas femoralis</i> Faust (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Nigeria		1		Ala.
<i>Cylas formicarius</i> (F.) ssp. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Philippines, Thailand	1	1		Hawaii.
<i>Cylas formicarius</i> (F.) var. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Philippines	1			Hawaii.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
Baggage	Hawaii	1			Hawaii.
<i>Ipomoea batatas</i> (sweetpotato)	British Guiana, Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Puerto Rico.	7	10		Fla., La., Md., N.Y., Pa., P.R., St. Thomas and St. John, Tex., Va.
<i>Cylas formicarius formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Hong Kong, India, Singapore, Philippines, Thailand, unknown.	4	5		Hawaii, La., Oreg., S.C.
<i>Cylas puncticollis</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Nigeria, Sierra Leone		2		Ala., Va.
<i>Cyrtopeltis modestus</i> (Dist.) (Miridae):					
<i>Zantedeschia aethiopica</i> (calla lily)	Colombia	1			N.Y.
<i>Dactylotrypes uytenboogaarti</i> Eggers (Scolytidae):					
<i>Phoenix canariensis</i>	England			1	N.J.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):					
<i>Cucurbita pepo</i> (zucchini squash)	Hawaii		1		Calif.*
<i>Lycopersicon esculentum</i> (tomato)	do		8		Calif.*
<i>Momordica charantia</i> (balsam-pear)	do	1			Calif.*
<i>Momordica</i> spp.	do	1			Hawaii.
<i>Phaseolus vulgaris</i> var. (string bean)	do		1		Calif.*
<i>Dacus cucurbitae</i> (Coq.) (?) (Tephritidae):					
<i>Cucumis sativus</i> (cucumber)	do		2		Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
<i>Calophyllum inophyllum</i>	do	2			Hawaii.
<i>Cocos nucifera</i> (coconut)	do	1			Calif.*
<i>Coffea arabica</i> (Arabian coffee)	do	7			Hawaii.
<i>Eugenia malaccensis</i> (Malay-apple)	do	1			Hawaii.
<i>Lycopersicon esculentum</i> (tomato)	do		2		Calif.*
<i>Mangifera indica</i> (mango)	do	12	5		Calif.,* Hawaii.
<i>Musa paradisiaca sapientum</i> (banana)	Hawaii, unknown	1	3		Calif.*
<i>Passiflora</i> sp.	Hawaii	1			Hawaii.
<i>Persea americana</i> (avocado)	do	1	1		Calif.,* Hawaii.
<i>Spondias cytherea</i> (vi-apple)	do	1			Hawaii.
<i>Terminalia catappa</i> (bitter almond)	do	2			Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Coffea arabica</i> (Arabian coffee)	do	1			Hawaii.
<i>Coffea</i> sp. (coffee)	do	3			Hawaii.
<i>Mangifera indica</i> (mango)	do	2			Calif.,* Hawaii.
<i>Punica granatum</i> (pomegranate)	do	1			Hawaii.
<i>Terminalia catappa</i> (bitter almond)	do	1			Hawaii.
<i>Dacus oleae</i> Gmel. (Tephritidae):					
<i>Olea europaea</i> (olive)	Italy, Spain	30			Calif.,* Mass., N.Y.
<i>Dacus oleae</i> Gmel. (?) (Tephritidae):					
<i>Olea europaea</i> (olive)	Unknown		1		Mass.
<i>Deloyala guttata</i> (Oliv.) (Chrysomelidae):					
<i>Allium sativum</i> (garlic)	Italy	1			N.Y.
Orchid	Mexico			1	Tex.
<i>Deroceras reticulatum</i> (Muller) (Mollusca):					
<i>Allium porrum</i> (leek)	England		1		Pa.
<i>Apium graveolens</i> (celery)	Belgium		1		Pa.
<i>Brassica chinensis</i> (Chinese cabbage)	Japan		1		Wash.
<i>Brassica oleracea botrytis</i> (cauliflower)	Italy, Japan		2		Pa., Wash.

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<i>Deroceras reticulatum</i> (Muller) (Mollusc)— Con.					
<i>Brassica oleracea capitata</i> (cabbage).....	Belgium, England, France, Italy, Netherlands, Pan- ama.	10	4	---	Ga., Mass., N.Y., Pa.
<i>Brassica rapa</i> (turnip).....	Italy.....	---	1	---	N.Y.
<i>Bryophyllum</i> sp.....	Bermuda.....	---	---	1	N.Y.
Fern.....	Mexico.....	---	---	1	Tex.
Flowers.....	Ireland.....	---	---	1	Mass.
<i>Ilex crenata</i> (Japanese holly).....	England.....	---	---	1	D.C.
<i>Lactuca sativa</i> (lettuce).....	England, France, Italy.....	---	3	---	N.Y., Pa.
Orchid.....	Costa Rica, El Salvador, Guatemala, Mexico, Venezuela.	---	---	7	Fla., Tex.
<i>Primula</i> sp.....	Ireland.....	---	---	1	Pa.
<i>Vanda</i> sp. (orchid).....	Hawaii.....	---	---	1	Hawaii.
<i>Diabrotica porracea</i> Har. (Chrysomelidae): Bromeliad.....	Mexico.....	---	---	1	Tex.
<i>Diachus auratus</i> (F.) (Chrysomelidae): Orchid.....	Hawaii.....	1	---	---	Hawaii.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae): <i>Rhododendron catawbiense</i> (catawba rhodo- dendron).	Netherlands.....	---	---	1	N.J.
<i>Rhododendron</i> 'Goldsworth Yellow'.....	do.....	---	---	1	N.J.
<i>Rhododendron</i> sp.....	England, Netherlands.....	1	---	6	N.J., N.Y.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae): <i>Citrus</i> sp.....	Dominican Republic.....	2	---	---	P.R.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae): <i>Gardenia augusta</i> (gardenia).....	Hawaii.....	1	---	---	Calif.*
<i>Jasminum multiflorum</i> (star jasmine).....	do.....	1	---	---	Hawaii.
<i>Jasminum sambac</i> (Arabian jasmine).....	Hawaii, Philippines.....	2	---	2	Calif.* Hawaii.
<i>Diaprepes abbreviatus</i> (L.) (Curculionidae): <i>Pothos</i> sp.....	Puerto Rico.....	---	---	1	Fla.
<i>Diaspis echinocacti</i> (Bouche) (Coccidae): <i>Pachycereus marginatus</i>	Mexico.....	---	---	1	Tex.
<i>Diaspis zamiae</i> Morg. (Coccidae): <i>Cussonia triptera</i>	Italy.....	---	---	1	D.C.
<i>Elaeodendron ilicifolium</i>	do.....	---	---	1	D.C.
Palm.....	Portugal.....	1	---	---	N.Y.
<i>Dichrocrocis punctiferalis</i> (Guen.) (Pyraustidae): <i>Prunus persica</i> (peach).....	Japan.....	---	1	---	Oreg.
<i>Dicyphus errans</i> (Wolff) (Miridae): Plants—unknown.....	Portugal.....	---	---	1	D.C.
<i>Dinaspis aculeta</i> Ferris (Coccidae): <i>Chamaedorea</i> sp.....	Mexico.....	1	---	---	Calif.*
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae): <i>Cocos nucifera</i> (coconut).....	Hawaii.....	5	---	---	Hawaii.
<i>Diorymerellus laevimargo</i> Champ. (Curculi- onidae): Orchid.....	Mexico.....	---	---	2	Tex. H
<i>Dysdercus andreae</i> (L.) (Pyrrhocoridae): <i>Rumex</i> sp.....	Antigua.....	1	---	---	P.R.
<i>Dysdercus honestus</i> Blote (Pyrrhocoridae): <i>Dianthus caryophyllus</i> (carnation).....	Brazil.....	---	---	1	N.Y.
<i>Dysdercus mimus</i> (Say) (Pyrrhocoridae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	1	---	---	Tex.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae): <i>Allium sativum</i> (garlic).....	Italy, Spain.....	5	1	---	Mass., N.Y., P.R.
<i>Ectomyelois ceratoniae</i> (Zell.) (Phycitidae): <i>Adenanthra pavonina</i> (redbead).....	Hawaii.....	1	---	---	Hawaii.
<i>Cassia</i> sp. (legume).....	Bahamas.....	1	---	---	N.Y.
<i>Cydonia oblonga</i> (quince).....	Italy.....	1	---	---	N.Y.
<i>Eriobotrya japonica</i> (loquat).....	do.....	1	---	---	N.Y.
<i>Juglans regia</i> (English walnut).....	do.....	1	---	---	N.Y.
<i>Juglans</i> sp. (walnut).....	Italy, Yugoslavia.....	4	---	---	N.Y., Tex.
<i>Kigelia pinnata</i>	Hawaii.....	1	---	---	Hawaii.
<i>Olea europaea</i> (olive).....	Italy.....	1	---	---	N.Y.
<i>Phoenix dactylifera</i> (date).....	do.....	1	---	---	N.Y.
<i>Prunus amygdalus</i> (almond).....	do.....	2	---	---	N.Y.
<i>Punica granatum</i> (pomegranate).....	Greece, Israel, Italy.....	9	---	---	N.Y.
<i>Tamarindus indica</i> (tamarind).....	Trinidad, unknown.....	2	---	---	N.Y., P.R.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Ectomyelois muriscis</i> (Dyar) (Phycitidae):					
Legume pod	Venezuela	1			Tex.
Seed pod—unknown	Mexico, Panama			2	Fla.
<i>Epichorista ioneophela</i> Meyr. (Tortricidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	5			N.J., N.Y.
<i>Epidiaspis piricola</i> (del Guer.) (Coccidae):					
<i>Ficus carica</i> (fig)	Portugal			1	Mass.
<i>Malus sylvestris</i> (apple)	do			1	Mass.
<i>Epilachna borealis aequinoxialis</i> Muls. (Coccinellidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Ecuador	1			N.Y.
<i>Epilachna paenulata</i> (Germ.) (Coccinellidae):					
<i>Musa paradisiaca sapientum</i> (banana)	do	1			Pa.
<i>Epilachna sparsa</i> Hbst. (?) (Coccinellidae):					
Airplane	Philippines		1		Hawaii.
<i>Epinotia aporema</i> (Wlsm.) (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Chile, Colombia, Mexico	6	2		Fla., La., Md. Tex.
<i>Ereunetis flavistriata</i> Wlsm. (Tineidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	5			Hawaii.
<i>Ereunetis simulans</i> (Butl.) (Tineidae):					
Airplane	Japan		1		Hawaii.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae):					
<i>Burus sempervirens</i>	Netherlands			2	N.J.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia)	Australia, Mexico	1	1		Hawaii, Tex.
Palm	Italy		1		N.Y.
<i>Euetheola bidentata</i> (Burm.) (Scarabaeidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Eugeraeus unifasciatus</i> Champ. (?) (Curculionidae):					
<i>Chamaedorea</i> sp. (palm)	do			1	Tex.
<i>Euleia heraclei</i> (L.) (?) (Tephritidae):					
<i>Apium graveolens</i> (celery)	Italy		2		Va.
<i>Eurytoma orchidearum</i> (Westw.) (?) (Eurytomidae):					
<i>Epidendrum cochleatum</i> (orchid)	Mexico			1	Tex.
<i>Eurytoma plotnikovi</i> Nik. (Eurytomidae):					
<i>Pistacia</i> sp. (pistache)	Unknown	1			N.Y.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Brazil, Hawaii, Peru, Puerto Rico.	2	4		Calif.,* La., Md., Pa.
<i>Euschistus servus</i> (Say) (Pentatomidae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Eutetranychus banksi</i> (McG.) (Tetranychidae):					
Citrus sp.	do	2			Tex.
<i>Euxoa spinifera</i> (Hbn.) (Noctuidae):					
Airplane	West Pacific		1		Hawaii.
<i>Everes comyntas</i> (Godt.) (Lycaenidae):					
<i>Pisum sativum</i> (pea)	Mexico	1			Tex.
<i>Exptochiomera albomaculata</i> (Dist.) (Lygaeidae):					
Orchid	do			1	Tex.
<i>Exptochiomera confusa</i> Barber (Lygaeidae):					
Orchid	Ecuador			1	Calif.*
<i>Phaseolus vulgaris</i> var. (string bean)	Mexico	1			Ariz.
<i>Exptochiomera oblonga</i> (Stal) (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Farinococcus guatemalensis</i> Ferris (Coccidae):					
<i>Oncidium ansiferum</i> (orchid)	Costa Rica			1	Fla.
Orchid	Guatemala			1	Tex.
<i>Farinococcus olivaceus</i> (Ckll.) (Coccidae):					
<i>Yucca</i> sp.	Mexico			1	Tex.
<i>Faustinus cubae</i> (Boh.) (Curculionidae):					
<i>Capsicum frutescens</i> (pepper)	Cuba, Jamaica	2			Fla.
<i>Ferrisia virgata</i> (Ckll.) (Coccidae):					
<i>Cucurbita pepo</i> (squash)	Mexico	1			Tex.
<i>Dendrobium</i> sp. (orchid)	Philippines			1	Calif.*
<i>Dieffenbachia</i> sp.	do			1	Calif.*
<i>Gardenia augusta</i> (gardenia)	Cuba	1			N.Y.
<i>Gossypium</i> sp. (cotton; boll)	Colombia		1		Tex.
<i>Fiorinia nephelii</i> Mask. (Coccidae):					
<i>Litchi chinensis</i> (lychee)	Hong Kong	1			Hawaii.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Fiorinia theae</i> Green (Coccidae):					
<i>Camellia</i> sp.	Nepal			1	D.C.
<i>Frankliniella formosae</i> Mlt. (Thripidae):					
<i>Chrysanthemum</i> sp.	Japan	2	1		Calif.,* Hawaii.
<i>Dianthus caryophyllus</i> (carnation)	do	2			Hawaii.
Flowers	do		2		Wash.
<i>Gladiolus</i> sp.	do	1			Hawaii.
<i>Lilium longiflorum</i> (Easter lily)	do	1			Hawaii.
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	Germany	1			N.Y.
<i>Convallaria majalis</i> (lily-of-the-valley)	Denmark			1	N.Y.
<i>Dahlia</i> sp.	Germany	1			Mich.
Flowers	England, Netherlands	2	1		Mass., N.Y.
<i>Helichrysum bracteatum</i> (strawflower)	Yugoslavia	1			N.Y.
<i>Lavandula</i> sp. (lavender)	England	1			Mass.
<i>Rosa</i> sp.	England, Germany	1	1		Mass., N.J.
<i>Frankliniella panamensis</i> Hood (Thripidae):					
<i>Centaurea cyanus</i> (bachelors-button)	Colombia		1		Fla.
<i>Gladiolus</i> sp.	do	1			Fla.
<i>Viola</i> sp. (violet)	do		1		Fla.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Chrysanthemum</i> sp.	Australia	1			Hawaii.
<i>Medicago sativa</i> (alfalfa)	Argentina	1			Tex.
Soil with Star-of-Bethlehem bulbs	Union of South Africa			1	N.Y.
<i>Frankliniella tenuicornis</i> (Uzel) (Thripidae):					
<i>Allium sativum</i> (garlic)	Italy	1			Mass.
<i>Frauenfeldiella jelinekii</i> (Frfd.) (Aleyrodidae):					
<i>Viburnum tinus</i> (laurustinus)	England, Scotland			2	D.C., N.J.
<i>Fulvius brevicornis</i> Reuter (Miridae):					
<i>Trapa natans</i> (water chestnut)	Hong Kong	2			Hawaii.
<i>Fundella pellucens</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea)	Barbados	4			N.Y.
<i>Pisum sativum</i> (black-eyed pea)	Puerto Rico	3			P.R.
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Brassavola</i> sp. (orchid)	Jamaica			1	N.J.
Bromeliad	Venezuela			1	Fla.
<i>Cattleya superba</i> (orchid)	do			1	N.J.
<i>Cattleya</i> sp.	British Guiana, Guatemala, Hawaii, Trinidad.	1		6	Calif.,* Hawaii, N.J.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone			4	Calif.,* Hawaii, Hawaii.*
<i>Epidendrum</i> sp.	Canal Zone, Panama			6	Fla., N.J.
<i>Gongora maculata</i> (orchid)	Canal Zone			1	N.J.
<i>Laelia</i> sp. (orchid)	do			1	N.J.
<i>Oncidium ampliatus</i> (orchid)	do			1	Calif.*
<i>Oncidium panamense</i>	do			3	Calif.,* Fla., N.J.
<i>Oncidium</i> sp.	do			1	Fla.
Orchid	Brazil, British Honduras, Canal Zone, Costa Rica, Cuba, El Salvador, Grenada, Hawaii, Honduras, Panama, Trinidad.			29	Calif.,* Fla., Hawaii.
<i>Renanthera elongata</i> (orchid)	Singapore			1	Hawaii.*
<i>Stanhopea wardii</i> (orchid)	Canal Zone			1	Calif.*
<i>Vanda</i> sp. (orchid)	Federation of Malaya			1	N.J.
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Kwajalein		1		Hawaii.
<i>Galgupha punctifer</i> McA. & Mall. (Pentatomidae):					
Bromeliad	Mexico			1	Tex.
Orchid	do			1	Tex.
<i>Tillandsia</i> sp.	do			1	Tex.
<i>Galgupha quadrisignata</i> (Stal) (Pentatomidae):					
Bromeliad	do			1	Tex.

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<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather)-----	England, Germany, Scotland.	3	---	1	Mass., N.Y.
<i>Geniocremnus chilensis</i> (Boh.) (Curculionidae):					
<i>Prunus domestica</i> (plum)-----	Chile	1	---	---	N.Y.
<i>Prunus persica</i> (peach)-----	do	1	---	---	N.Y.
<i>Prunus persica nectarina</i> (nectarine)-----	do	1	---	---	N.Y.
<i>Geotomus pygmaeus</i> (Dall.) (Cydnidae):					
Flowers-----	Hawaii	1	---	---	Hawaii.
<i>Glycyphagus ornatus</i> Kramer (Glycyphagidae):					
Soil with inhames-----	Portugal	1	---	---	Mass.
<i>Gnaphalodes trachyderoides</i> Thoms. (Cerambycidae):					
<i>Lycopersicon esculentum</i> (tomato)-----	Mexico	1	---	---	Tex.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper)-----	do	1	---	---	Fla.
<i>Capsicum frutescens grossum</i> (bell pepper)-----	do	3	---	---	Ariz., Fla.
<i>Gnorimoschema ocellatella</i> Boyd (Gelechiidae):					
<i>Beta vulgaris</i> (beet)-----	Spain	---	2	---	Pa.
<i>Spinacia oleracea</i> (spinach)-----	Morocco	---	1	---	Pa.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron</i> sp. (azalea)-----	Japan, Netherlands	---	---	4	N.J., Wash.
<i>Grapholitha packardii</i> Zell. (Olethreutidae):					
<i>Crataegus</i> spp-----	Mexico	2	---	---	Tex.
<i>Gymnandrosoma aurantianum</i> Costa Lima (Olethreutidae):					
<i>Citrus paradisi</i> (grapefruit)-----	do	---	1	---	Tex.
<i>Gymnococcus agavium</i> (Dougl.) (Coccidae):					
<i>Agave</i> sp-----	do	---	---	1	Tex.
<i>Gynaikothrips ficorum</i> (Marchal) (Phlaeothripidae):					
Leaf—unknown-----	do	---	---	1	Calif.
<i>Halticus chrysolepis</i> Kirk. (Miridae):					
<i>Dendrobium</i> sp. (orchid)-----	Hawaii	1	---	---	Hawaii.
<i>Haplothrips cotei</i> (Vuillet) (Phlaeothripidae):					
Plant—unknown-----	Azores	---	---	1	Mass.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Antirrhinum majus</i> (snapdragon)-----	Bermuda	1	---	---	Mass.
<i>Dianthus caryophyllus</i> (carnation)-----	Bermuda, Japan	2	---	---	Hawaii, N.Y.
Flowers-----	Bermuda, Haiti	2	---	---	Mass., P.R.
<i>Gerbera</i> sp-----	Bermuda	1	---	---	Mass.
<i>Mentha crispa</i> -----	Tortola	1	---	---	St. Thomas and St. John.
<i>Nerium oleander</i> (oleander)-----	Bermuda	1	---	---	N.Y.
Plant—unknown-----	Azores	---	---	1	Mass.
<i>Zantedeschia aethiopica</i> (calla lily)-----	Haiti	1	---	---	Fla.
<i>Helix aspersa</i> (Muller) (Mollusca):					
<i>Armeria</i> sp. (statice)-----	Peru	1	---	---	Fla.
<i>Cichorium intybus</i> (chickory)-----	France	---	1	---	N.Y.
Flowers-----	Ireland	1	---	---	Mass.
<i>Lactuca sativa</i> (lettuce)-----	Mexico	---	1	---	Tex.
Unknown-----	Azores	---	1	---	N.Y.
<i>Hellula undalis</i> (F.) (Pyraustidae):					
<i>Brassica rapa</i> (turnip)-----	French West Africa	---	1	---	Mass.
<i>Raphanus sativus</i> (radish)-----	do	---	---	---	Pa.
<i>Heminene juliana</i> (Curt.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)-----	Italy	2	---	---	N.Y.
<i>Quercus falcata</i> (Spanish oak)-----	do	---	---	1	Calif.*
<i>Hepialus humuli</i> (L.) (Hepialidae):					
<i>Dahlia</i> sp-----	England	---	---	1	Ill.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
Airplane-----	Cuba	---	1	---	Fla.
Wood-----	India	2	---	---	N.Y.
<i>Heterotermes convexinotatus</i> (Snyder) (Rhinotermitidae):					
Palm-----	Mexico	---	---	1	Tex.

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<i>Hyalopeplus pellucidus</i> (Stal) (Miridae): Foliage	Hawaii	1			Hawaii.
<i>Hylurgops polliatus</i> (Gyll.) (Scolytidae): Wood	Switzerland	1			N.Y.
<i>Hypera nigrirostris</i> (F.) (Curculionidae): <i>Trifolium pratense</i> (red clover)	Italy			1	D.C.
<i>Hypera postica</i> (Gyll.) (Curculionidae): <i>Lolium</i> sp.	Greece			1	D.C.
<i>Hypera punctata</i> (Fab.) (Curculionidae): With maple leaves and peaches	France		1		Ill.
<i>Icerya seychellarum</i> (Westw.) (Coccidae): <i>Litchi chinensis</i> (lychee)	Japan			1	Calif.*
<i>Ips calligraphus</i> (Germ.) (Scolytidae): Log	Bahamas	1			Fla.
<i>Ips combrae</i> Herr (Scolytidae): Bark on wood crate	Germany	1			Mass.
<i>Iridomyrmex humilis</i> Mayr (Formicidae): <i>Annona</i> sp.	Azores	1			Mass.
<i>Dianthus caryophyllus</i> (carnation)	Bermuda	1			Mass.
<i>Erica</i> sp.	Union of South Africa	1			N.Y.
<i>Euphorbia pulcherrima</i> (poinsettia)	Bermuda			1	N.Y.
Flowers	Bermuda, Union of South Africa	3			Mass., N.Y.
<i>Freesia</i> sp.	Bermuda	1			Mass.
<i>Phaseolus vulgaris</i> var. (string bean)	Italy		1		Mass.
<i>Protea</i> sp.	Union of South Africa	2			N.Y.
<i>Triticum aestivum</i> (wheat)	Portugal	1			N.J.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae): Orchid	Guatemala			2	Tex.
<i>Iridothrips iridis</i> (Wats.) (Thripidae): Iris sp.	England			1	N.J.
<i>Ischnodemus diplopterus</i> (Dist.) (Lygaeidae): <i>Prunus armeniaca</i> (apricot)	Union of South Africa	1			N.Y.
<i>Prunus persica</i> (peach)	do	1			N.Y.
<i>Vitis</i> sp. (grape)	do	1			N.Y.
<i>Isoneurothrips obscuratus</i> Cwfd. (Thripidae): <i>Rosa</i> sp. (rose)	Australia		1		Hawaii.
<i>Jadera sanguinolenta</i> (F.) (Coreidae): <i>Gossypium</i> sp. (cotton; boll)	Mexico	1			Tex.
<i>Lampetia equestris</i> (F.) (Syrphidae): <i>Narcissus</i> sp.	England, Germany, Ireland, Netherlands, Northern Ireland.			12	Mich, N.J., N.Y.
<i>Lampides boeticus</i> (L.) (Lycaenidae): <i>Canavalia microcarpa</i>	Hawaii	2			Hawaii.
<i>Canavalia</i> sp. (mauna loa)	do	54			Calif.,* Hawaii.
<i>Lapazia oblecta</i> Ferris (Coccidae): Cutting—unknown	Mexico	1			Calif.*
<i>Laspeyresia fabivora</i> Meyrick (Olethreutidae): <i>Phaseolus vulgaris</i> var. (string bean)	Ecuador		1		N.Y.
<i>Laspeyresia nigricana</i> (Stph.) (Olethreutidae): <i>Pisum sativum</i> (pea)	Italy	1			Mass.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae): <i>Castanea</i> sp. (chestnut)	Azores, France, Greece, Italy, Philippines, Portugal, Spain.	48	2		Calif.,* Mass., N.Y., P.R., Tex.
<i>Lecaniodiaspis dendrobii</i> (Dougl.) (Coccidae): Orchid	British Honduras			1	Fla.
<i>Lecanium corni</i> Bouche (Coccidae): <i>Euonymus pendulus</i>	England			1	D.C.
<i>Robinia</i> sp.	France			1	D.C.
<i>Lecanium coryli</i> (L.) (Coccidae): <i>Acer caesium</i>	do			1	D.C.
<i>Acer platanoides</i> (Norway maple)	Belgium			1	N.J.
<i>Lechriops psidii</i> Mshl. (Curculionidae): <i>Psidium guajava</i> (guava)	Puerto Rico	1			Ill.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae): <i>Diospyros kaki</i> (kaki persimmon)	Japan	1	2		Calif.*
<i>Pyrus pyrifolia</i> (sand pear)	Korea	1			Hawaii.
<i>Lepidosaphes esakii</i> Tak. (Coccidae): <i>Pandanus</i> sp.	Marshall Islands			1	Hawaii.*

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<i>Lepidosaphes ficus</i> (Sign.) (Coccidae):					
<i>Ficus carica</i> (fig)	Italy			2	Mass., N.Y.
<i>Ficus</i> sp.	do			1	N.Y.
<i>Lepidosaphes kamakurensis</i> Kuw. (Coccidae):					
<i>Camellia japonica</i> (camellia)	Japan			1	D.C.
<i>Lepidosaphes mcgregori</i> Banks (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Guam	2			Hawaii.
<i>Lepidosaphes newsteadi</i> (Sulc.) (Coccidae):					
<i>Juniperus chinensis</i> (Chinese juniper)	Japan			1	Calif.*
<i>Pinus</i> sp. (pine)	do			1	Calif.*
<i>Lepidosaphes pallida</i> (Green) Coccidae:					
<i>Cupressus</i> sp. (cypress)	do			3	Calif.*
<i>Juniperus chinensis</i> (Chinese juniper)	do			2	Calif.*
<i>Juniperus</i> sp. (juniper)	do			2	Calif.*
<i>Taxus</i> sp. (yew)	do			1	Calif.*
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
<i>Agave</i> sp.	Mexico			1	Fla.
<i>Cactus</i>	do			1	Tex.
<i>Ferocactus</i> sp.	do			1	Tex.
<i>Lepidosaphes pistaciae</i> Arch. (Coccidae):					
<i>Pistacia</i> sp. (pistache)	Iran, Lebanon	1		1	D.C., Mass.
<i>Lepidosaphes pistaciae</i> f. <i>pistaciola</i> Borch. (Coccidae):					
<i>Pistacia vera</i> (pistache)	Iran			1	N.J.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Anthurium</i> sp.	Hawaii			1	Hawaii.
<i>Codiaeum variegatum</i> (codium)	do	9		2	Hawaii.
<i>Cordyline terminalis</i> (ti)	do			1	Calif.*
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae):					
<i>Cymbidium chaobee</i> (orchid)	Formosa			1	Hawaii.
<i>Cymbidium kanran</i>	do			2	Hawaii, Hawaii.*
<i>Cymbidium pumilum</i>	Japan			2	Calif.*
<i>Cymbidium simonsianum</i>	Formosa			2	Calif., Hawaii.*
<i>Cymbidium sinense</i>	do	1			Hawaii.*
<i>Cymbidium</i> sp.	Australia, England, Fiji Islands, Formosa, Hawaii, Japan, New Zealand.			29	Calif., Hawaii, Hawaii,* N.J.
Orchid	Australia, Guatemala, Japan.		1	4	Calif., Tex., Wash.
<i>Lepidosaphes tubulorum</i> Ferris (Coccidae):					
<i>Diospyros</i> sp. (persimmon)	Japan		1		Hawaii.
<i>Eurya yakushimensis</i>	do			1	D.C.
<i>Leptoglossus chiliensis</i> (Spin.) (Coreidae):					
<i>Vitis</i> sp. (grape)	Chile	43			N.Y.
<i>Lethocerus indicus</i> (Lep. & Serv.) (Belostomidae):					
Mail bag	West Pacific	1			Hawaii.
<i>Leucaspis cockerelli</i> (de Charm.) (Coccidae):					
<i>Brassia</i> sp. (orchid)	Canal Zone			1	N.J.
<i>Broughtonia</i> sp.	Jamaica			1	Fla.
<i>Citrus aurantifolia</i> (lime)	Panama		1		Calif.*
<i>Citrus grandis</i> (pummelo)	Hawaii	2			Calif.*
<i>Citrus paradisi</i> (grapefruit)	Cuba, Jamaica, Panama		4		Calif.*
<i>Citrus sinensis</i> (orange)	Panama		2		Calif.*
<i>Roystonea regia</i> (royal palm)	Dominican Republic			2	Fla.
<i>Vanda teres</i> (orchid)	Martinique			1	N.J.
<i>Leucaspis loewi</i> Colvce (Coccidae):					
<i>Pinus sylvestris</i> (Scotch pine)	France			1	D.C.
<i>Leucaspis pusilla</i> Loew (Coccidae):					
<i>Pinus</i> sp. (pine)	Portugal	1			N.Y.
<i>Leucaspis riccae</i> Targ. (Coccidae):					
<i>Ephedra</i> sp.	Italy			1	D.C.
<i>Olea europaea</i> (olive)	Greece			1	Mass.
<i>Leucinodes orbonalis</i> Guen. (Pyraustidae):					
<i>Solanum melongena</i> (eggplant)	Nigeria		1		Ala.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Cucumis melo cantalupensis</i> (cantaloupe)	do	1			Ariz.
Orchid	Guatemala, Mexico			2	Tex.

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<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae): Orchid	Costa Rica, Mexico			2	Tex.
<i>Limax marginatus</i> (Muller) (Mollusca): <i>Brassica rapa</i> (turnip)	Australia		1		Mass.
Bromeliad	Costa Rica			1	Fla.
<i>Daucus carota</i> (carrot)	Australia		1		Wash.
<i>Nepenthes</i> sp.	Japan			1	Hawaii.
Orchid	Costa Rica, Guatemala, Mexico.			7	Fla., Tex.
<i>Persea americana</i> (avocado)	Cuba		1		Pa.
Soil with carnation, chrysanthemum, and geranium plants.	Argentina			1	Fla.
Soil with liliaceae bulb	Mexico			1	Tex.
<i>Limax maximus</i> L. (Mollusca): Moss packing with fig plant	Italy			1	N.Y.*
<i>Limothrips denticornis</i> Hal. (Thripidae): <i>Convallaria majalis</i> (lily-of-the-valley)	Denmark			2	N.Y.
<i>Hordeum vulgare</i> (barley)	Poland	1			N.Y.
<i>Triticum aestivum</i> (wheat)	do	1			N.Y.
<i>Lineaspis striata</i> (Newst.) (Coccidae): <i>Juniperus oxycedrus</i> (prickly juniper)	Portugal			1	D.C.
<i>Listroderes costirostris obliquus</i> (Klug) (Curculionidae): Wood	Hawaii	1			Hawaii.
<i>Listroderes subcincta</i> Boh. (Curculionidae): <i>Prunus domestica</i> (plum)	Chile	1			N.Y.
<i>Lobesia botrana</i> (Schiff.) (?) (Olethreutidae): <i>Vitis</i> sp. (grape)	Italy	1			N.Y.
<i>Luzulaspis kondarensis</i> Borchs. (Coccidae): <i>Bromus</i> sp. (brome)	Iran			1	D.C.
<i>Lycophotia ornea</i> (Druce) (Noctuidae): <i>Chamaedorea oblongata</i>	Mexico	1			Tex.
<i>Lyctoxylon japonum</i> Reitt. (Lyctidae): Bamboo	Japan	1			Calif.*
<i>Lyctus africanus</i> Lesne (Lyctidae): Bamboo	do	1			Pa.
Wood	India	3			Ill., N.Y.
<i>Lyctus brunneus</i> (Steph.) (Lyctidae): Palm wood drum	Kenya	1			Va.
<i>Lygaeus albo-ornatus</i> Blanch. (Lygaeidae): <i>Allium cepa</i> (onion)	Chile	1			N.Y.
<i>Lygus gemellatus</i> (Hsiao-Sailer) (Miridae): <i>Cichorium intybus</i> (escarole)	Italy		1		N.Y.
<i>Malacosoma neustria</i> (L.) (Lasiocampidae): <i>Prunus</i> sp. (cherry)	Japan			1	Hawaii.*
<i>Mamestra brassicae</i> (L.) (Phalaenidae): <i>Brassica oleracea capitata</i> (cabbage)	Belgium		1		Tex.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae): <i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	2			P.R.
<i>Canavalia</i> sp. (mauna loa)	Hawaii	16			Calif.,* Hawaii.
<i>Phaseolus lunatus</i> (civet bean)	do		1		Calif.*
<i>Phaseolus vulgaris</i> var. (string bean)	Brazil, Ghana, Japan, Puerto Rico.	5	4		Ala., Calif.,* Ill., Mass., N.Y., P.R., St. Thomas and St. John.
<i>Pisum sativum</i> (pea)	Puerto Rico	1			Ill.
<i>Melipotis famelica</i> (Guen.) (Noctuidae): Airplane	Bahamas		1		Fla.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae): <i>Musa paradisiaca sapientum</i> (banana)	Ecuador, Honduras, unknown.	61			Calif.,* La., Md., N.Y., Pa., S.C., Tex.
<i>Metamasius sericeus sericeus</i> (Oliv.) (Curculionidae): <i>Musa paradisiaca sapientum</i> (banana)	Ecuador	1			N.Y.
<i>Micrelus ericae</i> (Gyll.) (Curculionidae): <i>Calluna vulgaris</i> (heather)	Scotland	3			Mass., N.Y.
<i>Microcerotermes arboreus</i> Emerson (Termitidae): Orchid	Grand Cayman			1	Fla.

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<i>Micrutalis apicalis</i> Godg. (Membracidae): Herbaceous plants	Cuba	1			N.Y.
<i>Milax gagates</i> (Drap.) (?) (Mollusca): <i>Lactuca sativa</i> (lettuce)	Germany		1		Mich.
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae): <i>Acacia farnesiana</i> (sweet acacia)	Hawaii	1			Hawaii.
Legume	do	1			Hawaii.
<i>Cordia</i> sp.	do	1			Hawaii.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae): Hardwood lumber	India	1			Ala.
<i>Molorchus minor</i> (L.) (Cerambycidae): Wood	Denmark	1			N.Y.
<i>Monanthia monotropidia</i> Stal (Tingidae): Orchid	Brazil			1	Calif.
<i>Monomorium destructor</i> (Jord.) (Formicidae): <i>Aponogeton</i> sp.	Ceylon			1	N.Y.
<i>Citrus sinensis</i> (orange)	Jamaica	1			S.C.
<i>Oryza sativa</i> (rice)	Australia		1		S.C.
<i>Morganella longispina</i> (Morg.) (Coccidae): <i>Citrus paradisi</i> (grapefruit)	Tahiti		2		Calif.,* Hawaii.
<i>Citrus reticulata</i> (Mandarin orange)	Japan	1	8		Calif.*
<i>Citrus sinensis</i> (orange)	do		2		Calif.*
<i>Dendrobium gordonii</i> (orchid)	Fiji Islands			1	Hawaii.*
<i>Nerium oleander</i> (oleander)	Bermuda	1			Mass.
Plant—unknown	Philippines	1			Calif.*
<i>Mormidea pictiventris</i> Stal (Pentatomidae): Orchid	Bahamas			1	Fla.
<i>Myzus ascalonicus</i> Donc. (Aphidae): <i>Lactuca sativa</i> (lettuce)	England, Sweden		2		Ill., Pa.
<i>Tulipa</i> sp. (tulip)	Netherlands			1	N.J.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae): Bromeliad	Panama			1	Fla.
Wood—unknown	do	1			Fla.
<i>Nasutitermes costalis</i> (Holmgren) (Termitidae): Wood crating	Puerto Rico	1			S.C.
<i>Naupactus xanthographus</i> (Germ.) (Curculionidae): <i>Cucumis melo</i> (melon)	Chile	1			N.Y.
<i>Vitis</i> sp. (grape)	do	6			N.Y.
<i>Neodryocoetes guianae</i> Blkm. (Scolytidae): <i>Ceratonia siliqua</i> (St. Johns bread)	Trinidad	1			Fla.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	4			Tex.
<i>Solanum melongena</i> (eggplant)	Brazil		1		Pa.
<i>Solanum quitoense</i>	Ecuador	1			Fla.
<i>Neoleucon rubrotylus</i> Carvalho (Miridae): <i>Dieffenbachia</i> sp.	Mexico			1	Tex.
<i>Monstera deliciosa</i>	do			1	Tex.
<i>Philodendron</i> sp.	do			2	Tex.
<i>Neotermes chilensis</i> (Blanchard) (Kalotermitidae): <i>Vitis</i> sp. (grape)	Chile	1			N.Y.
<i>Nephotettix apicalis</i> (Mots.) (Cicadellidae): Airplane	Japan (?)		1		Hawaii.
<i>Nephotettix bipunctatus</i> (F.) (Cicadellidae): Airplane	India (?), Philippines		2		Fla., Hawaii.
<i>Nezara viridula</i> (L.) (Pentatomidae): <i>Brassica chinensis</i> (Chinese cabbage)	Mexico	1			Ariz.
<i>Capsicum frutescens</i> (pepper)	Puerto Rico	1			P.R.
<i>Vigna sinensis</i> (cowpea)	Mexico	1			Tex.
<i>Vitis</i> sp. (grape)	Chile	9			N.Y.
<i>Zantedeschia aethiopica</i> (calla lily)	Haiti	1			Fla.
<i>Nipponaclerda biwakoensis</i> (Kuw.) (Coccidae): <i>Juncus</i> sp. (rush)	Japan	2	1		Calif.
<i>Noropsis hieroglyphica</i> (Cram.) (Noctuidae): Airplane	Venezuela		1		Fla.
<i>Ananas comosus</i> (pineapple)	Cuba	1			N.Y.
<i>Nysius coenosulus</i> Stal (Lygaeidae): <i>Vanda</i> sp. (orchid)	Hawaii	1			Hawaii.
<i>Nysius raphanus</i> Howard (Lygaeidae): Orchid	Guatemala			1	Tex.

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<i>Nysius vinitor</i> (Bergroth) (Lygaeidae): Lactuca sativa (lettuce).....	Australia.....	-----	1	-----	Hawaii.
<i>Orbrium cantharinum</i> (L.) (?) (Cerambycidae): Wooden crate.....	France.....	1	-----	-----	N.Y.
<i>Odonaspis ruthae</i> Kot. (Coccidae): Cynodon dactylon (Bermuda grass).....	Kenya.....	-----	-----	1	D.C.
<i>Oebalus insularis</i> Stal (Pentatomidae): Orchid.....	Mexico.....	-----	-----	1	Tex.
<i>Oedancala bimaculata</i> (Dist.) (Lygaeidae): Orchid.....	do.....	-----	-----	1	Tex.
<i>Ogdoecosta catenulata</i> (Boh.) (Chrysomelidae): Bromeliad.....	do.....	-----	-----	1	Tex.
<i>Olethreutes leucotreta</i> (Meyr.) (Olethreutidae): Citrus paradisi (grapefruit).....	Union of South Africa.....	-----	1	-----	Tex.
Citrus sinensis (orange).....	do.....	-----	1	-----	Mass.
<i>Oligonychus perditus</i> P. & B. (Tetranychidae): Thuja sp. (arborvitae).....	Japan.....	-----	-----	1	Wash.
<i>Opogona subcervinella</i> (Wlk.) (Tineidae): With dahlias and gladiolus.....	Portugal.....	-----	-----	1	Mass.
<i>Opuntiaspis carinata</i> (Ckll.) (Coccidae): Orchid.....	Mexico.....	-----	-----	1	N.J.
<i>Orchidophilus aterrimus</i> (Waterh.) (Curculionidae): Alpinia purpurata.....	Hawaii.....	1	-----	-----	Hawaii.
Anthurium sp.....	do.....	1	-----	-----	Hawaii.
<i>Dendrobium undulatum</i> (orchid).....	Indonesia.....	-----	-----	1	Hawaii.
<i>Vanda joaquimae</i> (orchid).....	Hawaii.....	1	-----	-----	Hawaii.
Vanda sp.....	do.....	26	-----	-----	Hawaii.
<i>Orthezia pseudinsignis</i> Morr. (Coccidae): Citrus sp.....	Mexico.....	1	-----	-----	Ariz.
Punica granatum (pomegranate).....	do.....	1	-----	-----	Tex.
<i>Ortholomus jamaicensis</i> (Dallas) (Lygaeidae): Airplane.....	Costa Rica.....	-----	1	-----	Fla.
<i>Orychilus allarius</i> (Muller) (Mollusca): Pelargonium sp. (geranium).....	Netherlands.....	-----	-----	1	N.Y.
Soil with shamrock.....	Ireland.....	-----	-----	1	Mich.
<i>Oxydema fusiforme</i> Woll. (Curculionidae): Alpinia sp. (red ginger).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Dendrobium</i> sp. (orchid).....	do.....	1	-----	-----	Hawaii.
Macadamia sp.....	do.....	1	-----	-----	Hawaii.
Mail parcel.....	do.....	2	-----	-----	Hawaii.
Suitcase.....	Midway Islands.....	1	-----	-----	Hawaii.
<i>Oxygryllus ruginasus</i> (Lec.) (Scarabaeidae): Triticum aestivum (wheat).....	Mexico.....	-----	1	-----	Calif.
<i>Ozophora concava</i> (Dist.) (Lygaeidae): Cycad.....	do.....	-----	-----	1	Tex.
<i>Ozophora consanguineus</i> (Dist.) (Lygaeidae): Agave sp.....	do.....	-----	-----	1	Ariz.
<i>Pachodynerus nasidens</i> (Latr.) (Vespidae): Airplane.....	do.....	-----	1	-----	Tex.
<i>Pachybrachius albocinctus</i> Barber (Lygaeidae): Hibiscus esculentus (okra).....	Cuba.....	1	-----	-----	La.
<i>Pachybrachius nigriceps</i> (Dallas) (Lygaeidae): Airplane.....	South Pacific.....	-----	1	-----	Hawaii.
<i>Pachygrontha oedancalodes</i> Stal (Lygaeidae): Orchid.....	Mexico.....	-----	-----	1	Tex.
<i>Pachyzancla bipunctalis</i> (F.) (?) (Pyraustidae): Ambrosia peruviana ("altamisa").....	Puerto Rico.....	1	-----	-----	Ill.
<i>Pachyzancla periusalis</i> (Wlk.) (Pyraustidae): Capsicum frutescens (pepper).....	do.....	1	-----	-----	Ill.
Solanum sp.....	do.....	1	-----	-----	Ill.
<i>Pagiocerus fiorii</i> (Eggers) (Scolytidae): Zea mays (corn).....	Ecuador, Peru.....	4	-----	-----	Fla., La
<i>Palaeocorynus nigrosignatus</i> Duviv. (Curculionidae): Log—unknown.....	French West Africa.....	1	-----	-----	S.C.
<i>Palaeopus costicollis</i> Mshl. (Curculionidae): Dioscorea sp. (yam).....	Jamaica.....	1	-----	-----	N.Y.
<i>Paragonatus divergens</i> (Dist.) (Lygaeidae): Airplane.....	Mexico.....	-----	1	-----	Tex.

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<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Buxus</i> sp. (box).....	Iran.....			1	D.C.
<i>Camellia japonica</i>	Japan, Portugal, Switzerland.....	1		2	Calif.,* Hawaii, N.Y.
<i>Camellia sasanqua</i> (sasanqua camellia).....	Japan.....			2	D.C.
<i>Camellia</i> sp.....	Japan, Portugal.....			9	Calif.,* D.C., Hawaii.
<i>Eurya japonica</i>	Japan.....		1		Pa.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Mexico.....		1		Calif.*
<i>Citrus limon</i> (lemon).....	Argentina, unknown.....	1	1		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Canal Zone, Colombia, Tahiti, Trinidad, unknown.....	1	5		Calif.,* Hawaii.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil, Canal Zone, Panama.....	2	5		Calif.,* Fla.
<i>Parlatoria citri</i> McKenzie (Coccidae):					
<i>Citrus</i> sp.....	Thailand.....	1			Hawaii.,
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (codieum).....	Cuba, Hawaii.....	4			Fla., Hawaii.
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Malus sylvestris</i> (apple).....	Greece, Italy.....	2			Mass., N.Y.
<i>Olea europaea</i> (olive).....	Greece.....	1			Mass.
<i>Prunus amygdalus</i> (almond).....	do.....			1	Mass.
<i>Prunus armeniaca</i> (apricot).....	Italy.....			1	D.C.
<i>Rosa</i> sp.....	Iran.....			1	D.C.
<i>Parlatoria proteus</i> (Curt.) (Coccidae):					
<i>Ascocentrum</i> sp.....	Jamaica.....			1	Fla.
<i>Parlatoria pseudaspidiotus</i> Ldgr. (Coccidae):					
Orchid.....	Indonesia, New Zealand.....			2	Calif.,* Hawaii.*
<i>Vanda hookeriana</i> (orchid).....	Indonesia.....			1	N.J.
<i>Vanda teres</i>	do.....			1	N.J.
<i>Vanda</i> sp.....	American Samoa, Colombia, Panama.....	1		2	Fla., Hawaii.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Hawaii, Thailand.....	2			Calif.,* Hawaii.
<i>Citrus aurantifolia</i> (sour lime).....	China, Japan.....		2		Calif.*
<i>Citrus grandis</i> (pummelo).....	China, Federation of Malaya, Formosa, Hong Kong, Japan, Philippines, Singapore, South Pacific.....	5	7		Calif.,* Hawaii.
<i>Citrus limon</i> (lemon).....	Italy, Japan, unknown.....	3	8		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	French West Africa, Japan, Tunisia.....		3		Calif.,* Mass., Pa.
<i>Citrus reticulata</i> (Mandarin orange).....	Algeria, China, Formosa, France, French West Africa, Hong Kong, unknown.....	5	9		Calif.,* Hawaii, Mass., Tex.
<i>Citrus sinensis</i> (orange).....	Algeria, China, France, Italy, Japan, Morocco, Spain.....	1	9		Calif.,* Mass., Pa.
<i>Citrus</i> sp.....	Cuba.....	1			Fla.
<i>Parmena balteatus</i> (L.) (Cerambycidae):					
<i>Allium sativum</i> (garlic).....	Italy.....	1			N.Y.
<i>Paromius longulus</i> (Dallas) (Lygaeidae):					
Airplane.....	Guatemala.....		1		Fla.
Bromeliad.....	Honduras.....			1	Fla.
Orchid.....	Mexico.....			2	Tex.
<i>Rosa</i> sp. (rose).....	Guatemala.....	1			Fla.
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cotton; boll).....	Jamaica, Mexico.....	3	1		Fla., Tex.
<i>Gossypium</i> sp. (cottonseed).....	Anglo-Egyptian Sudan, Antigua, Cuba, Eleuthera Island, Hawaii, Mexico, Paraguay.....	5	1	1	Calif.,* Fla., La., N.J., Tex.
<i>Gossypium</i> sp. (seed cotton).....	Mexico.....	1	5		Ariz., Tex.
<i>Hibiscus esculentus</i> (okra).....	Barbados, Dominican Republic, Mexico.....	2	1		N.Y., Pa., Tex.

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<i>Pectinophora gossypiella</i> (Saund.) (?) (Gelechiidae):					
Malvaceae seed	Angola			1	D.C.
<i>Pentalonia nigronervosa</i> Coq. (Aphidae):					
<i>Caladium</i> sp.	Trinidad	1			Va.
<i>Pentamerismus oregonensis</i> McG. (Tenuipalpidae):					
<i>Juniperus chinensis</i> (Chinese juniper)	Japan			1	Hawaii.*
<i>Pentodon punctatus</i> Villers (Scarabaeidae):					
Soil with thistle	Italy			1	N.Y.
<i>Perkinsiella saccharicida</i> Kirk. (Delphacidae):					
Airplane	Hawaii		3		Hawaii.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	5			La., N.Y.
<i>Artocarpus communis</i> (breadfruit)	do	1			N.Y.
<i>Asplenium</i> sp. (fern)	Palmyra Island			1	Hawaii.
<i>Cajanus cajan</i> (pigeonpea)	Bahamas	1			Fla.
<i>Cordyline terminalis</i> (ti)	Hawaii	1			Hawaii.
<i>Ixora</i> sp.	Guam			1	Hawaii.*
<i>Rumex</i> sp. (sorrel)	Panama	1			Fla.
<i>Phelomerus aberians</i> (Sharp) (Bruchidae):					
<i>Cassia fistula</i> (golden-shower)	Venezuela	1			N.Y.
<i>Cassia</i> sp.	Brazil			1	D.C.
<i>Phenacaspis dendrobii</i> Kuw. (Coccidae) (tentative):					
<i>Dendrobium</i> sp. (orchid)	Singapore			1	Hawaii.
<i>Rhynchostylis retusa</i> (orchid)	Indonesia			2	Hawaii, Hawaii.*
<i>Phenacoccus gossypii</i> Towns. & Ckll. (Coccidae):					
<i>Lilium</i> sp. (lily)	Bermuda	1			N.Y.
<i>Pelargonium</i> sp. (geranium)	Mexico			1	Calif.
<i>Sechium edule</i> (chayote)	do			1	Calif.
<i>Phenacoccus hirsutus</i> Green (Coccidae):					
<i>Piper nigrum</i> (black pepper)	Thailand			1	D.C.
<i>Phera centrolineata</i> (Sign.) (Cicadellidae):					
<i>Gladiolus</i> sp.	Mexico	1			Calif.*
<i>Philaenus leucophthalmus</i> (L.) (Cercopidae):					
Soil with fir trees	Canada			1	N.J.
<i>Phloeotribus scarabaeoides</i> (Bern.) (Scolytidae):					
<i>Olea europaea</i> (olive)	Italy	1			N.Y.
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape)	Union of South Africa	4			N.Y.
<i>Pholiodorus advena</i> Zimm. (Curculionidae):					
<i>Plumeria</i> sp.	Hawaii			1	Hawaii.
<i>Phyllocnistis citrella</i> Stainton (Gracilariidae):					
<i>Citrus aurantifolia</i> (sour lime)	Philippines		1		Calif.*
<i>Phyllocnistis saligna</i> Zell. (Gracilariidae):					
<i>Citrus sinensis</i> (orange)	Japan		1		Calif.*
<i>Phytomyza rufipes</i> Meig. (Agromyzidae):					
<i>Brassica oleracea acephala</i> (kale)	Sweden		1		Pa.
<i>Brassica oleracea botrytis</i> (cauliflower)	Belgium, England, France, Germany, Netherlands, Poland, Sweden.		29		Fla., Pa., Tex.
<i>Brassica oleracea capitata</i> (cabbage)	England		2		Pa.
<i>Brassica rapa</i> (turnip)	Belgium		1		Pa.
<i>Cichorium endivia</i> (endive)	Belgium, Netherlands	2			N.Y.
<i>Cichorium intybus</i> (chickory)	Belgium	3			N.Y.
<i>Piezodorus rubrofasciatus</i> (F.) (Pentatomidae):					
Airplane	Japan		1		Hawaii.
<i>Pinnaspis buxi</i> (Bouche) (Coccidae):					
<i>Anthurium</i> sp.	Hawaii			1	Hawaii.
<i>Cordyline terminalis</i> (ti)	do	14		2	Hawaii.
<i>Cordyline</i> sp.	do	3		2	Calif.,* Hawaii.
<i>Dendrobium</i> sp. (orchid)	New Guinea			1	Hawaii.
<i>Monstera</i> sp.	Hawaii			1	Hawaii.
<i>Neomoorea irrorata</i> (orchid)	Canal Zone			2	Hawaii, Hawaii.*
<i>Philodendron</i> sp.	Costa Rica, Hawaii			2	Fla., Hawaii
Plant—unknown	Japan		1		Calif.*
<i>Pinnaspis caricis</i> Ferris (Coccidae):					
<i>Liriope graminifolia</i> (mondo grass)	Hawaii			1	Hawaii.

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<i>Pinnaspis uniloba</i> (Kuw.) (Coccidae): Leaf—unknown	Japan		1		Calif.*
<i>Pityogenes chalcographus</i> (L.) (Scolytidae): Wooden crate	Belgium, Sweden	2			Fla., Mass.
<i>Plagioderma semivittata</i> Stal (Chrysomelidae): Orchid	Mexico			1	Tex.
With orchids and bromeliads	do			1	Ariz.
<i>Plagioderma thymaloides</i> Stal (Chrysomelidae): Bromeliaceae	Honduras			1	Calif.*
<i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
Orchid	do			8	Tex.
<i>Planococcus hoznyi</i> Ezzai & McConnell (Coccidae): Orchid	Liberia			1	N.Y.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae): <i>Capsicum frutescens</i> (pepper)	Cuba	2			Fla., N.Y.
<i>Capsicum frutescens grossum</i> (bell pepper)	do	1			N.Y.
<i>Gossypium</i> sp. (cotton; boll)	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	Dominican Republic	1			Md.
<i>Musa paradisiaca</i> (plantain)	Cuba	1			Fla.
<i>Sechium edule</i> (chayote)	Panama	1			N.Y.
<i>Platyus rugulosus</i> Chap. (Platypodidae): <i>Copaifera hemitomophylla</i> ("cativo")	Colombia	3			Ga.
<i>Plusia chalcites</i> (Esp.) (Noctuidae): Airplane	Hawaii, Japan		2		Hawaii.
<i>Cordyline terminalis</i> (ti)	Hawaii	1			Hawaii.
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae): <i>Pinus pentaphylla</i>	Japan			1	Calif.*
<i>Pinus</i> sp., near <i>densiflora</i>	do			1	Calif.*
<i>Pinus</i> sp. (2-leaved pine)	do		3		Calif.,* Mass.
<i>Pinus</i> sp. (pine)	do		1	1	Calif.,* Pa.
<i>Porphyrobaphe iostoma</i> (Sowerby) (Mollusca): <i>Musa paradisiaca sapientum</i> (banana)	Ecuador	6			Calif.,* La., N.Y., Pa.
<i>Prays endocarpa</i> Meyr. (Hyponomeutidae): <i>Citrus grandis</i> (pummelo)	Federation of Malaya		1		Calif.*
<i>Prays oleellus</i> (F.) (Hyponomeutidae): <i>Olea europaea</i> (olive)	Italy	1			N.Y.
<i>Procryptotermes hubbardi</i> (Banks) (Kalotermitidae): <i>Buxus</i> sp. (box)	Mexico	1			Ariz.
<i>Prodenia litura</i> (F.) (Noctuidae): Airplane	Australia(?), Japan(?), West Pacific.		3		Hawaii.
<i>Protaetia orientalis</i> (Gory & Perch.) (Scarabaeidae): Airplane	Japan		1		Hawaii.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae): <i>Brassaia actinifolia</i>	Bahamas		1		N.Y.
<i>Ixora</i> sp.	Trinidad			1	Fla.
Leaf—unknown	Barbados	1			Mass.
<i>Schefflera digitata</i>	Bahamas		1		N.Y.
<i>Pseudaonidia clavigera</i> (Ckll.) (Coccidae): <i>Rhododendron</i> sp. (azalea)	Japan			1	Calif.*
<i>Pseudaonidia curculiginis</i> (Green) (Coccidae): <i>Cyrtidium atropurpureum</i> (orchid)	Philippines			1	Calif.*
<i>Pseudaonidia darutyi</i> (de Charm.) (Coccidae): <i>Rauwolfia</i> sp.	New Caledonia	1			D.C.
<i>Pseudaonidia paeoniae</i> (Ckll.) (Coccidae): <i>Cotoneaster</i> sp.	Japan			2	Hawaii, Hawaii.*
<i>Pseudaonidia tesserata</i> de Charm. (Coccidae): <i>Reinhardtia</i> sp. (palm)	Mexico			1	Tex.
<i>Pseudaonidia trilobitiformis</i> Green (Coccidae): <i>Citrus aurantifolia</i> (lime)	Bolivia	1			Calif.*
<i>Citrus limon</i> (lemon)	Argentina, Brazil		2		Calif.,* Fla.
<i>Citrus sinensis</i> (orange)	Argentina		1		Calif.*
<i>Ixora</i> sp.	Colombia, Trinidad			3	Fla.
Leaf—unknown	Barbados	1			Mass.
<i>Myristica fragrans</i> (nutmeg)	Trinidad			1	Fla.

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<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Anthurium</i> sp.	Mexico			1	Tex.
<i>Brassavola digbyana</i> (orchid)	Honduras			1	Fla.
<i>Cattleya</i> sp. (orchid)	British Honduras, Honduras, Venezuela.			5	Fla., N.J., Tex.
<i>Epidendrum</i> sp. (orchid)	Salvador			1	Fla.
Orchid	British Honduras, Canal Zone, Costa Rica, El Salvador, Honduras, Mexico, Venezuela.			14	Ariz., Calif.,* Fla., P.R., Tex.
<i>Schomburgkia</i> sp. (orchid)	Nicaragua			1	Fla.
<i>Pseudischnaspis bowreyi</i> (Ck11.) (Coccidae):					
<i>Agave</i> sp.	Cuba			1	Fla.
<i>Cannabis sativa</i> (hemp)	do			1	N.Y.
<i>Pseudischnaspis longissima</i> (Ck 11.) (Coccidae):					
<i>Mangifera indica</i> (mango)	Nicaragua	1			Calif.*
Orchid	Mexico			1	Ariz.
<i>Pseudococcus azaleae</i> (Tins.) (Coccidae):					
<i>Diospyros kaki</i> (kaki persimmon)	Japan	1			Hawaii.
<i>Pseudococcus citricus</i> (Ezzat & McConnell) (Coccidae):					
<i>Annona</i> sp.	Azores	1			Mass.
<i>Citrus sinensis</i> (orange)	Greece	1			N.Y.
<i>Pilea pubescens</i>	Italy			1	D.C.
<i>Pseudococcus cualatensis</i> (Ck11.) (Coccidae):					
<i>Yucca</i> sp.	Mexico			1	Tex.
<i>Pseudococcus gahani</i> Green (Coccidae):					
<i>Oreopanax</i> sp.	France			1	D.C.
<i>Prunus domestica</i> (plum)	Chile	1			N.Y.
<i>Pyrus communis</i> (pear)	do	1			N.Y.
<i>Rhododendron supranubium</i>	Scotland			1	D.C.
<i>Rhododendron zeylanicum</i>	do			1	D.C.
<i>Schefflera delavayi</i>	France			1	D.C.
<i>Pseudococcus kraunhiae</i> (Kuw.) (Coccidae):					
<i>Diospyros kaki</i> (kaki persimmon)	Japan		1		Hawaii.
<i>Diospyros</i> spp. (persimmon)	do	1			Hawaii.
<i>Pseudococcus lilacinus</i> Ck11. (Coccidae):					
<i>Lansium domesticum</i> (langsat)	Philippines	1			Hawaii.
<i>Lansium</i> sp.	do		1		Hawaii.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii, Kwajalein	10	1	1	Calif.,* Hawaii, Wash.
<i>Pseudococcus pandani</i> Ck11. (Coccidae):					
<i>Pandanus</i> sp.	Ponape			1	Hawaii.*
<i>Pseudodiaspis yuccae</i> (Ck11.) (Coccidae):					
Cactus	Mexico			3	Ariz.
<i>Carnegiea gigantea</i> ("pitaya" cactus)	do			1	Ariz.
<i>Pseudoparlatoria ostreata</i> Ck11. (Coccidae):					
<i>Carica papaya</i> (papaya)	Cuba	1			Fla.
<i>Epidendrum</i> sp. (orchid)	Mexico			1	Tex.
<i>Oncidium pulchellum</i> (orchid)	Jamaica			1	Hawaii.
<i>Oncidium</i> sp.	El Salvador			1	Fla.
Orchid	Guatemala, Honduras			2	Fla., Tex.
<i>Pseudothrips glaucus</i> Bagn.(?) (Thripidae):					
<i>Erica albens</i>	Union of South Africa	1			N.Y.
<i>Psylliodes chrysocephala</i> (L.) (Chrysomelidae):					
<i>Brassica rapa</i> (turnip)	France		1		Pa.
<i>Pulvinaria camelicola</i> Sign. (Coccidae):					
<i>Camellia japonica</i> (camellia)	England			1	Wash.
<i>Pulvinaria floccifera</i> (Westw.) (Coccidae):					
<i>Camellia sasanqua</i> (sasanqua camellia)	Portugal			1	D.C.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Bryophyllum</i> sp.	Hawaii			1	Hawaii.
<i>Gardenia augusta</i> (gardenia)	Hawaii, Japan	2			Hawaii.
<i>Litchi chinensis</i> (lychee)	Hawaii	2			Hawaii.
Plant—unknown	do	1			Hawaii.
<i>Sedum</i> sp.	Bermuda			1	Mass.
<i>Pulvinaria urticae</i> Ck11. (Coccidae) (tentative):					
<i>Malpighia puniceifolia</i> (acerola)	Puerto Rico			1	Hawaii.*
<i>Pulvinaria vitis</i> (L.) (Coccidae):					
<i>Acer</i> sp. (maple)	France		1		Ill.
<i>Prunus persica</i> (peach)	Canada			1	N.J.

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<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
<i>Pelargonium</i> sp. (geranium).....	Mexico.....			1	Tex.
<i>Yucca</i> sp.....	do.....			1	Ariz.
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Cattleya bowringiana</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Laelia superbiens</i> (orchid).....	do.....			2	Tex.
<i>Lycaste skinneri</i> (orchid).....	do.....			2	Calif.,* Tex.
<i>Odontoglossum grande</i> (orchid).....	do.....			1	Calif.*
<i>Odontoglossum pulchellum</i>	do.....			1	Calif.*
Orchid.....	Costa Rica, Guatemala, Mexico.			5	Fla., Tex.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper).....	Israel, Italy.....	1	1		N.Y.
<i>Cucumis sativus</i> (cucumber).....	Italy.....		1		La.
<i>Lycopersicon esculentum</i> (tomato).....	do.....		1		N.Y.
<i>Phaseolus vulgaris</i> var. (string bean).....	Japan.....		2		Calif.,* Wash.
<i>Sorghum vulgare technicum</i> (broomcorn).....	Yugoslavia.....		1		N.Y.
<i>Zea mays</i> (corn).....	Italy.....	1			Calif.*
<i>Pyrophorus noctilucus</i> (L.) (Elateridae):					
<i>Saccharum officinarum</i> (sugarcane).....	Cuba.....	1			Fla.
<i>Raglius apicalis</i> (Dallas) (Lygaeidae):					
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	1			N.Y.
<i>Reticulitermes flavipes</i> (Kollar) (Rhinotermitidae):					
Wooden box.....	Mexico.....	1			Tex.
<i>Reticulitermes tibialis</i> Banks (Rhinotermitidae):					
Cactus.....	do.....			1	Ariz.
<i>Rhagoletis cerasi</i> (Loew) (Tephritidae):					
<i>Prunus</i> sp. (cherry).....	Azores, Belgium, France, Germany, Italy, Portugal, Spain, Switzerland, unknown.	8	22		Ill., La., Mass., Mich., N.Y.
<i>Rhagoletis juglandis</i> Cress. (Tephritidae):					
<i>Juglans nigra</i> (black walnut).....	Mexico.....	1			Tex.
<i>Rhinochenus stigma</i> (L.) (Curculionidae):					
<i>Hymenaea courbaril</i> (courbaril).....	Panama.....	1			Fla.
<i>Rhinostomus barbirostris</i> (F.) (Curculionidae):					
<i>Cocos nucifera</i> (coconut).....	Honduras.....	2			La.
<i>Rhoecocoris sulciventris</i> (Stal) (?) (Pentatomidae):					
<i>Gladichus</i> sp.....	Australia.....	1			Hawaii.
<i>Rhopalosiphum crataegellum</i> Theob. (Aphidae):					
<i>Malus</i> sp. (apple).....	Netherlands.....			1	N.J.
<i>Rhopalosiphum rufiabdominalis</i> (Sasaki) (Aphidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Ribua innoxia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba, Dominican Republic.	21			Fla., La., N.Y.
<i>Ripersiella palastinae</i> Hambl. (Coccidae):					
<i>Lilium</i> sp. (lily).....	Greece.....			1	N.Y.
<i>Rupela tinctella</i> (Wlk.) (Schoenobiidae):					
Airplane.....	Venezuela.....		1		Fla.
<i>Scolopostethus decoratus</i> (Hahn) (Lygaeidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....			1	N.Y.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Mangifera indica</i> (mango).....	Puerto Rico.....			1	P.R.
<i>Sinoxylon anale</i> Lesne (Bostrichidae):					
Wooden crate.....	India.....	1			N.Y.
<i>Sinoxylon conigerum</i> Gerst. (Bostrichidae):					
Airplane.....	Hawaii.....		1		Hawaii.
Wood.....	India.....	1			Ala.
<i>Siphanta acuta</i> (Wlk.) (Flatidae):					
Flowers.....	Hawaii.....	1			Hawaii.
<i>Vanda joaquimiae</i> (orchid).....	do.....	1			Hawaii.
<i>Vanda</i> sp.....	do.....	1			Calif.*
<i>Sitona lineata</i> (L.) (Curculionidae):					
Moss.....	Netherlands.....			1	N.J.
<i>Spanioneura fouscolombeii</i> Foerst. (Psyllidae):					
<i>Buxus sempervirens</i> (box).....	Italy.....			1	D.C.
<i>Spermophagus sericeus</i> Geoffr. (?) (Bruchidae):					
<i>Ipomoea tricolor</i> (tricolor morning-glory).....	do.....			1	D.C.

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<i>Stator limbatus</i> Horn (Bruchidae): <i>Pithecellobium brevifolium</i>	Mexico.....	-----	-----	1	D.C.
<i>Stator pruininus</i> (Horn) (Bruchidae): <i>Acacia</i> sp.....	do.....	-----	-----	1	Tex.
<i>Stenotarsonemus laticeps</i> (Halb.) (Tarsonemidae): <i>Narcissus</i> 'Osterfreude'.....	Germany.....	-----	-----	1	N.J.
<i>Narcissus</i> sp.....	England.....	-----	-----	1	N.J.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae): <i>Persea americana</i> (avocado).....	Brazil, Colombia, Ecuador, El Salvador, Guatemala, Mexico, Nicaragua, Panama, Peru, Venezuela.	21	6	-----	Ala., Calif.,* Fla., La., Pa., Tex.
<i>Stenoma decora</i> (Zell.) (Stenomidae): <i>Theobroma cacao</i> (cacao).....	Trinidad.....	-----	1	-----	Ala.
<i>Stenoptilia stigmatodactyla</i> Zell. (Pterophoridae): <i>Gentiana</i> sp.....	Switzerland.....	1	-----	-----	N.Y.
<i>Stephanitis nashi</i> Esaki and Takeya (Tingidae): <i>Camellia sasanqua</i> (sasanqua camellia).....	Japan.....	-----	-----	1	D.C.
<i>Stephanitis pyrioides</i> Scott (Tingidae): <i>Rhododendron</i> sp. (azalea).....	do.....	-----	-----	1	Wash.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae): <i>Coffea</i> sp. (coffee).....	Brazil, Egypt, India.....	3	2	-----	Fla., N.Y., Tex., Va.
<i>Sternochetus mangiferae</i> (F.) (Curculionidae): <i>Mangifera indica</i> (mango).....	Eniwetok(?), Guam, Hawaii, Philippines, Vietnam.	82	25	11	Calif.,* Ga., Hawaii, Tex.
<i>Mangifera</i> sp.....	Australia.....	-----	-----	1	Hawaii.
<i>Stoeberhinus testaceus</i> Butl. (Gelechiidae): Airplane.....	Philippines.....	-----	1	-----	Hawaii.
<i>Syagrius fulvitaris</i> Pascoe (Curculionidae): Foliage.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Sybra alternans</i> (Wied.) (Cerambycidae): <i>Bougainvillea</i> sp.....	do.....	1	-----	-----	Hawaii.
Clothing.....	do.....	1	-----	-----	Hawaii.
<i>Cordylina terminalis</i> (ti).....	do.....	-----	-----	1	Hawaii.
<i>Leucaena glauca</i>	do.....	1	-----	-----	Hawaii.
<i>Macadamia</i> sp.....	do.....	1	-----	-----	Hawaii.
<i>Momordica</i> sp.....	do.....	1	-----	-----	Hawaii.
<i>Operculina tuberosa</i> (wood-rose).....	do.....	2	-----	-----	Hawaii.
Paper.....	do.....	1	-----	-----	Hawaii.
<i>Synyrias diffundens</i> (Wlk.) (Noctuidae): Soil samples.....	Mexico.....	1	-----	-----	Ariz.
<i>Systole geniculata</i> Foerster (Eurytomidae): Seeds—unknown.....	Dominican Republic.....	-----	-----	1	Fla.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae): <i>Aster</i> sp.....	France.....	1	-----	-----	N.Y.
<i>Calluna vulgaris</i> (heather).....	England, Scotland.....	3	-----	-----	Ill., N.Y.
<i>Dahlia</i> sp.....	Germany.....	1	-----	-----	Mich.
Flowers.....	England, Netherlands.....	2	-----	-----	Mass., N.Y.
<i>Lathyrus odoratus</i> (sweetpeas).....	Unknown.....	-----	1	-----	Mass.
<i>Taeniothrips dianthi</i> Pr. (Thripidae): <i>Dianthus caryophyllus</i> (carnation).....	Germany.....	1	-----	-----	Mass.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae): <i>Calluna vulgaris</i> (heather).....	Canada, Germany, Scotland.	5	-----	1	N.Y., Wash.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae): <i>Lycoris squamigera</i> (autumn lycoris).....	Japan.....	-----	-----	1	Calif.*
<i>Lycoris</i> sp.....	do.....	-----	-----	9	Calif.,* N.J., N.Y.
<i>Tulipa</i> sp.....	do.....	-----	-----	1	N.Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae): <i>Chrysanthemum</i> sp.....	do.....	1	1	-----	Hawaii.
<i>Dianthus caryophyllus</i> (carnation).....	do.....	1	-----	-----	Hawaii.
<i>Gardenia augusta</i> (gardenia).....	Hawaii.....	23	-----	-----	Hawaii.
<i>Lilium longiflorum</i> (Easter lily).....	Japan.....	1	-----	-----	Hawaii.
<i>Plumeria acuminata</i> (Mexican frangipani).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Plumeria</i> sp.....	do.....	3	-----	-----	Hawaii.
<i>Taeniothrips picipes</i> (Zett.) (Thripidae): <i>Gentiana</i> sp. (gentian).....	Switzerland.....	1	-----	-----	N.Y.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued
 [An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Talponia batesi</i> Hein. (Olethreutidae): <i>Annona cherimola</i> (cherimoya).....	Mexico.....	3	---	---	Tex.
" <i>Targionia</i> " <i>bromiliae</i> (Leon.) (Coccidae): <i>Ananas comosus</i> (pineapple).....	Mexico, Ponape.....	1	1	---	Hawaii, Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae): <i>Dioscorea</i> sp. (yam).....	British West Indies, St. Kitts.	3	---	---	Calif.,* N.Y.
<i>Targionia laurina</i> Ldgr. (Coccidae): <i>Apollonias carnariensis</i>	Portugal.....	---	---	1	D.C.
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae): <i>Epidendrum fragrans</i> (orchid).....	Mexico.....	---	---	1	Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae): <i>Odontoglossum</i> sp. (orchid).....	Guatemala.....	---	---	1	Fla.
Orchid.....	Mexico.....	---	---	7	Tex.
<i>Philodendron</i> sp.....	do.....	---	---	1	Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae): <i>Oncidium</i> sp. (orchid).....	Guatemala.....	---	---	1	Fla.
Orchid.....	Costa Rica, Guatemala, Mexico.	---	---	14	Calif.,* Fla., Tex.
<i>Tenthecoris distinguendus</i> Hsiao & Sailer (Miridae): <i>Epidendrum radicans</i> (orchid).....	Canal Zone, Costa Rica.....	---	---	2	Fla.
<i>Epidendrum</i> sp.....	Panama.....	---	---	1	Fla.
Orchid.....	Canal Zone.....	---	---	2	Fla.
<i>Tenthecoris vestitus</i> (Dist.) (Miridae): <i>Oncidium splendidum</i> (orchid).....	Honduras.....	---	---	1	Fla.
Orchid.....	Guatemala.....	---	---	1	Fla.
<i>Tenuipalpus pacificus</i> Baker (Tenuipalpidae): Orchid.....	Philippines.....	---	---	1	Hawaii.*
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae): <i>Bauhinia</i> sp.....	Mexico.....	---	---	1	Tex.
Leaf—unknown.....	Mexico(?).....	---	1	---	Tex.
Plant—unknown.....	Mexico.....	1	---	---	Tex.
<i>Tetraleurodes ursorum</i> (Ckll.) (Aleyrodidae): <i>Citrus sinensis</i> (orange).....	do.....	1	---	---	Tex.
<i>Citrus</i> sp.....	do.....	7	---	---	Tex.
Leaf—unknown.....	do.....	1	---	---	Tex.
Plant—unknown.....	do.....	1	---	---	Tex.
<i>Rosa</i> sp. (rose).....	do.....	1	---	---	Tex.
<i>Tetranychus cinnabarinus</i> (Bois.) (Tetranychidae): <i>Iodina rhombifolia</i>	Monaco.....	---	---	1	D.C.
<i>Tetranychus cucurbitae</i> R. & P. (Tetranychidae): <i>Acalypha</i> sp.....	Jamaica.....	---	---	1	Fla.
<i>Tetranychus desertorum</i> Banks (Tetranychidae): <i>Cordia</i> sp.....	Mexico.....	1	---	---	Tex.
Soil with oxalis plants.....	do.....	---	---	1	Ariz.
<i>Tetranychus lobosus</i> Boudreaux (Tetranychidae): <i>Rosa</i> sp.....	do.....	---	---	1	Tex.
<i>Tetranychus tumidus</i> Banks (Tetranychidae): Plant—unknown.....	Cuba.....	1	---	---	Fla.
<i>Texananus spatulatus</i> (Van D.) (Cicadellidae): <i>Cucumis melo cantalupensis</i> (cantaloupe).....	Mexico.....	1	---	---	Ariz.
<i>Theba pisana</i> (Muller) (Mollusca): Conex box.....	Morocco, Spain.....	2	---	---	N.Y.
Cargo—general.....	Mediterranean region, Morocco.	2	---	---	La.
Military cargo.....	Libya, Morocco.....	25	---	---	Ala., La., Mass., N.Y., S.C.
Packing case.....	Morocco.....	1	---	---	N.Y.
<i>Petroselinum crispum</i> (parsley).....	Spain.....	---	1	---	Pa.
Wooden crate.....	Morocco.....	2	---	---	Ala.
<i>Thecla ziba</i> Hew. (Lycaenidae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	1	---	---	Tex.
<i>Strelitzia</i> sp.....	Colombia.....	1	---	---	N.Y.
<i>Thrips angusticeps</i> Uzel (Thripidae): <i>Lactuca sativa</i> (lettuce).....	Portugal.....	---	1	---	Mass.
<i>Thrips flavus</i> Schrank (Thripidae): <i>Anemone</i> sp.....	England.....	---	---	1	N.Y.
<i>Antirrhinum</i> sp.....	Germany.....	1	---	---	Pa.
<i>Bellis</i> sp.....	do.....	1	---	---	Pa.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued
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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Thrips flavus</i> Schrank (Thripidae)—Con.					
<i>Chrysanthemum</i> sp.	Germany	1			Ill.
Flowers	England	2	1		Mass., N.Y.
<i>Lathyrus odoratus</i> (sweetpea)	Germany		1		Ill.
<i>Polianthes tuberosa</i> (tuberose)	do	1			Ill.
<i>Thrips fuscipennis</i> (Hal.) (Thripidae):					
<i>Rosa</i> sp. (rose)	England		1		Mass.
<i>Thrips imaginis</i> Bgn. (Thripidae):					
<i>Chrysanthemum</i> sp.	Australia	1			Hawaii.
<i>Delphinium</i> sp. (larkspur)	do	1			Hawaii.
<i>Nymphaea</i> sp. (waterlily)	do	1			Hawaii.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Aster</i> sp.	France	1			N.Y.
<i>Calluna vulgaris</i> (heather)	Germany, Netherlands	2			N.Y.
Flowers	England, Ireland	4		1	Mass., N.Y.
<i>Lathyrus odoratus</i> (sweetpea)	Germany	1			Ill.
<i>Olinia cymosa</i>	Italy			1	D.C.
<i>Potentilla</i> sp.	Scotland			1	D.C.
<i>Rosa</i> sp. (rose)	England	1			Mass.
<i>Thyanta antiquensis</i> (Westw.) (Pentatomidae):					
Automobile	Mexico		1		Tex.
<i>Trialeurodes abutilonea</i> (Hald.) (Aleyrodidae):					
<i>Althaea</i> sp. (hollyhock)	do	1			Ariz.
<i>Ruta graveolens</i> (rue)	do	3			Tex.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):					
<i>Eugenia</i> sp. (?)	Italy			1	Ill.
<i>Laurus nobilis</i> (Grecian laurel)	do		2		N.Y.
<i>Laurus</i> sp. (?)	do	1			Ill.
<i>Trialeurodes similis</i> Rsl. (Aleyrodidae):					
<i>Rutaceae</i> (?)	Mexico	1			Tex.
<i>Turnera diffusa</i>	do	1			D.C.
<i>Trialeurodes tabaci</i> Bondar (Aleyrodidae):					
<i>Oxalis</i> sp.	Brazil			1	Fla.
<i>Trialeurodes tephrosiae</i> Rsl. (Aleyrodidae):					
<i>Tunera diffusa</i>	Mexico	1			D.C.
<i>Trialeurodes variabilis</i> (Q.) (Aleyrodidae):					
Leaf—unknown	do	1			Tex.
<i>Trialeurodes vitrinellus</i> Ck11. (Aleyrodidae):					
<i>Citrus</i> sp.	do	4			Ariz., Tex.
<i>Trionymus lounsburyi</i> (Brain) (Coccidae):					
<i>Amaryllis</i> sp.	Unknown			1	Tex.
<i>Trionymus sacchari</i> (Ck11.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Dominican Republic, Puerto Rico.	1	1		N.Y., Tex.
<i>Trogoderma glabrum</i> (Hbst.) (Dermestidae):					
Grain	Mexico	1	4		Ariz., Tex.
Railway car	do		3		Ariz., Tex.
<i>Triticum aestivum</i> (wheat)	do		7		Tex.
<i>Trogoderma granarium</i> Everts (Dermestidae):					
<i>Arachis hypogaea</i> (peanut)	Portugal	1			N.Y.
Bagging	India, Netherlands	5	1		Tex.
Bean—dry	Netherlands		1		Tex.
Flour	England, Netherlands		5		Fla., Tex.
<i>Oryza sativa</i> (rice)	Brazil, China, Formosa, unknown.		15		Ala., Md., Pa., Va.
<i>Prunus persica</i> (peach)	Unknown		1		Ga.
Stores—dry	do		1		La.
<i>Triticum aestivum</i> (wheat)	Italy, Mexico, Union of South Africa.	1	2		Calif., Tex., Va.
Unknown	India, unknown	2	1		Ill., La.
<i>Trogoderma inclusum</i> LeConte (Dermestidae):					
Birds—stuffed	Greece	1			N.Y.
Railway car	Mexico		1		Tex.
<i>Triticum aestivum</i> (wheat)	do		1		Tex.
<i>Trogoderma insulare</i> Chevr. (Dermestidae):					
Bean	Hawaii	1			Hawaii.
<i>Trogoderma parabile</i> Beal (Dermestidae):					
<i>Agaricus campestris</i> (mushroom)	Mexico	1			Calif.
Bran	do	1			Ariz.
<i>Crataegus</i> sp. (hawthorn)	do	1			Ariz.
Feed—mixed	do	1			Ariz.
Flour sacks	do		1		Ariz.
Grits	Unknown		1		Tex.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Trogoderma parabile</i> Beal (Dermestidae)—Con. Package.....	Mexico.....	1			Tex.
<i>Prunus amygdalus</i> (almond).....	do.....			1	Tex.
<i>Trogoderma parabile</i> Beal(?) (Dermestidae): Bamboo.....	Japan.....	1			Pa.
<i>Trogoderma sternale</i> Jayne ssp. (Dermestidae): Airplane.....	Mexico, Panama.....		2		Fla., Tex.
<i>Tyrophagus infestans</i> (Berl.) (Acaridae): <i>Armoracia rusticana</i> (horseradish).....	Argentina.....		1		Mass.
<i>Beta vulgaris</i> (beet).....	Ceylon.....		1		Mass.
<i>Solanum tuberosum</i> (potato).....	Belgium, Netherlands.....		3		Fla.
<i>Zingiber officinale</i> (ginger).....	French West Africa.....		1		Mass.
<i>Unaspis citri</i> (Comst.) (Coccidae): <i>Citrus limon</i> (lemon).....	Fiji Islands.....		1		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Canal Zone, Cuba, Jamaica, Mexico, Panama. Canal Zone, Peru.....		5		Calif.*
<i>Citrus sinensis</i> (orange).....			2		Calif.*
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae): <i>Citrus aurantifolia</i> (lime).....	Japan.....	2			Calif.*
<i>Citrus aurantifolia</i> (sour lime).....	do.....		3		Calif.*
<i>Citrus aurantium</i> (sour orange).....	do.....		15		Calif.,* Hawaii, Pa.
<i>Citrus limon</i> (lemon).....	Japan, unknown.....		13		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Japan.....	1	8		Calif.,* Hawaii.
<i>Citrus reticulata</i> (Mandarin orange).....	Hong Kong(?), Japan.....	34	147		Calif.,* Hawaii, Wash.
<i>Citrus sinensis</i> (orange).....	China, Japan.....	7	129		Calif.,* Hawaii, Pa.
<i>Citrus</i> sp.....	Japan.....	1	4		Calif.,* Hawaii.
<i>Fortunella japonica</i> (kumquat).....	do.....		1		Calif.*
<i>Vallonia pulchella</i> (Muller) (Mollusca): With carnation, chrysanthemum, and geranium plants.	Argentina.....			1	Fla.
<i>Vilga dissimilis</i> Dist. (Coreidae): Orchid.....	Canal Zone.....			1	Fla.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae): <i>Brassavola</i> sp. (orchid).....	Jamaica.....			1	N.J.
<i>Brassia caudata</i> (orchid).....	Canal Zone.....			2	Calif.,* Fla.
<i>Brassia</i> sp.....	Canal Zone, Trinidad.....			7	Fla., Hawaii.*
<i>Broughtonia</i> sp. (orchid).....	Jamaica.....			4	Fla.
<i>Cattleya granulosa</i> (orchid).....	Brazil.....			1	Calif.*
<i>Cattleya guttata</i>	do.....			1	Fla.
<i>Cattleya skinneri</i>	Panama.....			1	Calif.
<i>Cattleya</i> sp.....	American Virgin Islands, British Guiana, British Honduras.			3	Fla., N.J.
<i>Epidendrum</i> sp. (orchid).....	Canal Zone, Cuba.....			3	Calif.,* Fla.
<i>Heliconia</i> sp.....	Canal Zone.....			1	Calif.*
<i>Monstera</i> sp.....	do.....			1	Calif.*
<i>Oncidium</i> sp. (orchid).....	British Guiana, Canal Zone, Jamaica, Panama.			5	Fla., N.J.
Orchid.....	American Virgin Islands, Antigua, Brazil, British Honduras, Canal Zone, Cuba, El Salvador, Guatemala, Panama, Trinidad.			22	Calif.,* Fla., Tex.
<i>Phajus</i> sp.(?) (orchid).....	British Guiana.....			1	N.J.
<i>Trigonidium egertonianum</i> (orchid).....	British Honduras.....			1	Fla.
<i>Zeadiatraea lineolata</i> (Wlk.) (Crambidae): <i>Zea mays</i> (corn).....	Cuba.....	1			Fla.
<i>Zonitoides arboreus</i> (Say) (Mollusca): <i>Brassia lawrenceana</i> (orchid).....	Canada.....			1	Hawaii.*
<i>Cymbidium</i> sp. (orchid).....	Australia.....			1	Calif.*
<i>Oeoniella polystachys</i> (orchid).....	England.....			1	D.C.
Orchid.....	Mexico, Panama.....			3	Fla., Tex.
<i>Vanda</i> sp. (orchid).....	Hawaii.....			1	Hawaii.

Hosts and Insects

ABIES:

- Blastophagus piniperda* (Coleoptera)
Chermes piceae (Homoptera)

ACACIA:

- Mimosestes sallaei* (Coleoptera)
Stator pruininus (Coleoptera)

ACALYPHA:

- Tetranychus cucurbitae* (Acarina)

ACER:

- Aceria macrochelus* (Acarina)
Hypera punctata (Coleoptera)
Lecanium coryli (Homoptera)
Puklinaria vitis (Homoptera)

ADENANTHERA:

- Ectomyelois ceratoniae* (Lepidoptera)

AGARICUS:

- Trogoderma parabile* (Coleoptera)

AGAVE:

- Batrachedra linaria* (Lepidoptera)
Gymnococcus agavium (Homoptera)
Lepidosaphes philococcus (Homoptera)
Ozophora consanguineus (Hemiptera)
Pseudischnaspis bowreyi (Homoptera)

ALLIUM CEPA:

- Lygaeus albo-ornatus* (Hemiptera)

ALLIUM PORRUM:

- Acrolepia assectella* (Lepidoptera)
Deroceras reticulatum (Mollusca)

ALLIUM SATIVUM:

- Aceria tulipae* (Acarina)
Brachycerus albidentatus (Coleoptera)
Brachycerus algirus (Coleoptera)
Deloyala guttata (Coleoptera)
Dyspresta ulula (Lepidoptera)
Frankliniella tenuicornis (Thysanoptera)
Parmena balteatus (Coleoptera)

ALOCASIA:

- Brevipalpus phoenicis* (Acarina)

ALPINIA:

- Bradybaena similis* (Mollusca)
Ceroplastes rubens (Homoptera)
Orchidophilus aterrimus (Coleoptera)
Oxydema fusiforme (Coleoptera)

ALTHAEA:

- Tetraleurodes abutilonea* (Homoptera)

ALYXIA:

- Ceroplastes rubens* (Homoptera)

AMARYLLIS:

- Trionymus lounsburyi* (Homoptera)

AMBROSIA:

- Pachyzancla bipunctalis*(?) (Lepidoptera)

ANANAS:

- Dysdercus mimus* (Hemiptera)
Eutheola bidentata (Coleoptera)
Noropsis hieroglyphica (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Ribua innoxia (Lepidoptera)
"Targionia" bromiliae (Homoptera)
Thecla zebra (Lepidoptera)

ANEMONE:

- Thrips flavus* (Thysanoptera)

ANNONA:

- Cerconota anonella* (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)
Pseudococcus citricus (Homoptera)
Talponia batesi (Lepidoptera)

ANTHURIUM:

- Bradybaena similis* (Mollusca)
Ceroplastes rubens (Homoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Lepidosaphes tokionis (Homoptera)
Orchidophilus aterrimus (Coleoptera)
Pinnaspis buxi (Homoptera)
Pseudischnaspis alienus (Homoptera)

ANTIRRHINUM:

- Haplothrips gonodeyi* (Thysanoptera)
Thrips flavus (Thysanoptera)

APIUM:

- Deroceras reticulatum* (Mollusca)
Euleia heraclei(?) (Diptera)

APOLLONIAS:

- Targionia laurina* (Homoptera)

APONOGETON:

- Monomorium destructor* (Hymenoptera)

ARACHIS:

- Caryedon fuscus* (Coleoptera)
Trogoderma granarium (Coleoptera)

ARALIA:

- Coccus viridis* (Homoptera)

ARMERIA:

- Helix aspersa* (Mollusca)

ARMORACIA:

- Tyrophagus infestans* (Acarina)

ARTOCARPUS:

- Pheidole megacephala* (Hymenoptera)

ASCOCENTRUM:

- Parlatoria proteus* (Homoptera)

ASPLENIUM:

- Pheidole megacephala* (Hymenoptera)

ASTER:

- Taeniothrips atratus* (Thysanoptera)
Thrips major (Thysanoptera)

BAMBOO:

- Asterolecanium bambusae* (Homoptera)
Asterolecanium miliaris (Homoptera)
Asterolecanium miliaris miliaris (Homoptera)
Asterolecanium miliaris robustum (Homoptera)
Lyctoxylon japonum (Coleoptera)
Lyctus africanus (Coleoptera)
Trogoderma parabile(?) (Coleoptera)

BAMBUSA:

- Aspidiotus destructor* (Homoptera)

BAUHINIA:

- Tetraleurodes acaciae* (Homoptera)

BELLIS:

- Thrips flavus* (Thysanoptera)

BETA:

- Gnorimoschema ocellatella* (Lepidoptera)
Tyrophagus infestans (Acarina)

BETULA:

- Arge pullata* (Hymenoptera)

BOUGAINVILLEA:

- Sybra alternans* (Coleoptera)

BRASSAIA:

- Protopulvinaria pyriformis* (Homoptera)

BRASSAVOLA:

- Conchaspis orchidarum* (Homoptera)
Furcaspis biformis (Homoptera)
Pseudischnaspis alienus (Homoptera)
Vinsonia stellifera (Homoptera)

Hosts and Insects—Continued

BRASSIA:

- Leucaspis cockerelli* (Homoptera)
Vinsonia stellifera (Homoptera)
Zonitoides arboreus (Mollusca)

BRASSICA CHINENSIS:

- Barathra brassicae* (Lepidoptera)
Deroceras reticulatum (Mollusca)
Nezara viridula (Hemiptera)

BRASSICA OLERACEA ACEPHALA:

- Phytomyza rufipes* (Diptera)

BRASSICA OLERACEA BOTRYTIS:

- Deroceras reticulatum* (Mollusca)
Phytomyza rufipes (Diptera)

BRASSICA OLERACEA CAPITATA:

- Deroceras reticulatum* (Mollusca)
Mamestra brassicae (Lepidoptera)
Phytomyza rufipes (Diptera)

BRASSICA PEKINENSIS:

- Barathra brassicae* (Lepidoptera)

BRASSICA RAPA:

- Acalymma trivittata* (Coleoptera)
Acrolepia assectella (Lepidoptera)
Deroceras reticulatum (Mollusca)
Hellula undalis (Lepidoptera)
Limax marginatus (Mollusca)
Phytomyza rufipes (Diptera)
Psylliodes chrysocephala (Coleoptera)

BROMELIACEAE:

- Plagiodera thymaloides* (Coleoptera)

BROMELIAD:

- Calligrapha labyrinthica* (Coleoptera)
Cryphula apicatus (Hemiptera)
Diabrotica porracea (Coleoptera)
Furcaspis biformis (Homoptera)
Galgupha punctifer (Hemiptera)
Galgupha quadrisignata (Hemiptera)
Limax marginatus (Mollusca)
Nasutitermes corniger (Isoptera)
Ogdocoeca catenulata (Coleoptera)
Paromius longulus (Hemiptera)

BROMUS:

- Luzulaspis kondarensis* (Homoptera)

BROUGHTONIA:

- Asterolecanium epidendri* (Homoptera)
Chrysomphalus odontoglossi (Homoptera)
Leucaspis cockerelli (Homoptera)
Vinsonia stellifera (Homoptera)

BRYOPHYLLUM:

- Deroceras reticulatum* (Mollusca)
Pulvinaria psidii (Homoptera)

BUXUS:

- Cenopalpus pulcher* (Acarina)
Chionaspis salicis (Homoptera)
Eriophyes canestrinii (Acarina)
Parlatoria camelliae (Homoptera)
Procryptotermes hubbardi (Isoptera)
Spanioneura fonscolombeii (Homoptera)

CACTUS:

- Amitermes wheeleri* (Isoptera)
Ceratitis capitata (Diptera)
Lepidosaphes philococcus (Homoptera)
Pseudodiaspis yuccae (Homoptera)
Reticulitermes tibialis (Isoptera)

CAJANUS:

- Acanthoscelides armitagei* (Coleoptera)
Ancylostomia stercorea (Lepidoptera)
Chalcodermus aeneus (Coleoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Pheidole megacephala (Hymenoptera)

CALADIUM:

- Pentalonia nigronervosa* (Homoptera)

CALLUNA:

- Frankliniella intonsa* (Thysanoptera)
Gelechia ericetella (Lepidoptera)
Micrelus ericae (Coleoptera)
Scolopostethus decoratus (Hemiptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips ericae (Thysanoptera)
Thrips major (Thysanoptera)

CALOCARPUM:

- Anastrepha ludens* (Diptera)
Anastrepha serpentina (Diptera)

CALOPHYLLUM:

- Dacus dorsalis* (Diptera)

CAMELLIA:

- Aleurotrachelus camelliae* (Homoptera)
Aspidiotus degeneratus (Homoptera)
Aspidiotus destructor (Homoptera)
Ceroplastes rubens (Homoptera)
Fiorinia theae (Homoptera)
Lepidosaphes kamakurensis (Homoptera)
Parlatoria camelliae (Homoptera)
Pulvinaria camelicola (Homoptera)
Pulvinaria floccifera (Homoptera)
Stephanitis nashi (Hemiptera)

CANAVALLIA:

- Lampides boeticus* (Lepidoptera)
Maruca testulalis (Lepidoptera)

CANNABIS:

- Pseudischnaspis bowreyi* (Homoptera)

CAPSICUM:

- Ceratitis capitata* (?) (Diptera)
Faustinus cubae (Coleoptera)
Gnorimoschema gudmannella (Lepidoptera)
Ligyrocorys aurivilliana (Hemiptera)
Nezara viridula (Hemiptera)
Pachyzancla perisusalis (Lepidoptera)
Playnota rostrana (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)

CARICA:

- Pseudoparlatoria ostreata* (Homoptera)

CARNEGIEA:

- Pseudodiaspis yuccae* (Homoptera)

CASSIA:

- Aganactesis indecora* (Lepidoptera)
Caryedon fuscus (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)
Phelomerus aberrans (Coleoptera)

CASTANEA:

- Curculio elephas* (Coleoptera)
Hemimene juliana (Lepidoptera)
Laspeyresia splendana (Lepidoptera)

CATTLEA:

- Asterolecanium epidendri* (Homoptera)
Chrysomphalus tenax (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Furcaspis biformis (Homoptera)
Pseudischnaspis alienus (Homoptera)
Puto ulter (Homoptera)
Vinsonia stellifera (Homoptera)

CENTAUREA:

- Frankliniella panamensis* (Thysanoptera)

CERATONIA:

- Aspidiotus aharonii* (Homoptera)
Neodryocoetes guianae (Coleoptera)

CHAENOMALES:

- Ceroplastes japonicus* (Homoptera)

Hosts and Insects—Continued

CHAMAEDOREA:

Chrysomphalus albopictus (Homoptera)
Chrysomphalus sphaerioides (Homoptera)
Dinaspis aculeata (Homoptera)
Eugeraeus unifasciatus (?) (Coleoptera)
Lycophotia ornea (Lepidoptera)

CHRYSANTHEMUM:

Blissus pulchellus (Hemiptera)
Bryobia cristata (Acarina)
Conotelus mexicanus (Coleoptera)
Euschistus servus (Hemiptera)
Frankliniella formosae (Thysanoptera)
Frankliniella schultzei (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips imaginis (Thysanoptera)

CICER:

Bruchus tristis (Coleoptera)

CICHORIUM:

Helix aspersa (Mollusca)
Lygus gemellatus (Hemiptera)
Phytomyza rufipes (Diptera)

CINNAMOMUM:

Aspidiotus palmarum (Homoptera)

CITRUS AURANTIFOLIA:

Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Ceratitidis capitata (?) (Diptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Phyllocnistis citrella (Lepidoptera)
Pseudonidia trilobitiformis (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS AURANTIUM:

Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Unaspis yanonensis (Homoptera)

CITRUS GRANDIS:

Aonidiella inornata (Homoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria zizyphus (Homoptera)
Prays endocarpa (Lepidoptera)

CITRUS LIMON:

Aonidiella inornata (Homoptera)
Ceratitidis capitata (Diptera)
Ceroplastes sinensis (?) (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS PARADISI:

Anastrepha ludens (Diptera)
Gymnandrosoma aurantianum (Lepidoptera)
Leucaspis cockerelli (Homoptera)
Morganella longispina (Homoptera)
Olethreutes leucotreta (Lepidoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS RETICULATA:

Aonidiella inornata (Homoptera)
Bemisia citricola (?) (Homoptera)
Ceratitidis capitata (Diptera)
Chrysomphalus bifasciculatus (Homoptera)
Morganella longispina (Homoptera)
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS SINENSIS:

Acrosternum heegeri (Hemiptera)
Aleurocanthus woglumi (Homoptera)

Aleurothrixus floccosus (Homoptera)
Aleurothrixus myrtacei (Homoptera)
Anastrepha ludens (Diptera)
Brevipalpus phoenicis (Acarina)
Ceratitidis capitata (Diptera)
Chrysomphalus diversicolor (Homoptera) (as defined by McKenzie).
Cryptoblabes gnidiella (Lepidoptera)
Leucaspis cockerelli (Homoptera)
Monomorium destructor (Hymenoptera)
Morganella longispina (Homoptera)
Olethreutes leucotreta (Lepidoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Phyllocnistis saligna (Lepidoptera)
Pseudonidia trilobitiformis (Homoptera)
Pseudococcus citricus (Homoptera)
Tetraleurodes ursorum (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)

CITUS SP.:

Aleurocanthus woglumi (Homoptera)
Aleurothrixus floccosus (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes citrifolii (Homoptera)
Eutetranychus banksi (Acarina)
Orthezia pseudinsignis (Homoptera)
Parlatoria citri (Homoptera)
Parlatoria zizyphus (Homoptera)
Tetraleurodes ursorum (Homoptera)
Trialeurodes vitrinellus (Homoptera)
Unaspis yanonensis (Homoptera)

COCOS:

Agonoxena argaula (Lepidoptera)
Aonidiella inornata (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus palmarum (Homoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus personatus (Homoptera)
Chrysomphalus tingi (Homoptera)
Dacus dorsalis (Diptera)
Diocalandra taitensis (Coleoptera)
Ereunetis flavistriata (Lepidoptera)
Furcaspis oceanica (Homoptera)
Lepidosaphes mcgregori (Homoptera)
Pseudococcus palmarum (Homoptera)
Rhinostomus barbirostris (Coleoptera)

CODIAEUM:

Lepidosaphes tokionis (Homoptera)
Parlatoria crotonis (Homoptera)

COFFEA:

Ceratitidis capitata (Diptera)
Coccus viridis (Homoptera)
Dacus dorsalis (Diptera)
Stephanoderes hampei (Coleoptera)

COLLINIA:

Aleuroplatus variegatus (Homoptera)
Coelonertus nigrirostris (Coleoptera)

CONVALLARIA:

Frankliniella intonsa (Thysanoptera)
Limothrips denticornis (Thysanoptera)

COPAIFERA:

Platypus rugulosus (Coleoptera)

CORDIA:

Mimosestes sallaei (Coleoptera)
Tetranychus desertorum (Acarina)

CORDYLINE:

Bradybaena similis (Mollusca)
Lepidosaphes tokionis (Homoptera)
Pheidole megacephala (Hymenoptera)
Pinnaspis buxi (Homoptera)
Plusia chalcites (Lepidoptera)
Sybra alternans (Coleoptera)

CORNUS:

Anoecia corni (Homoptera)

Hosts and Insects—Continued

CORYLOPSIS:

Aleurotuberculatus magnoliae (Homoptera)

CORYLUS:

Curculio nucum (Coleoptera)

COTONEASTER:

Ceroplastes japonicus (Homoptera)*Ceroplastes rubens* (Homoptera)*Pseudaonidia paeoniae* (Homoptera)

CRATAEGUS:

Grapholitha packardi (Lepidoptera)*Trogoderma parabile* (Coleoptera)

CROTALARIA:

Callosobruchus phaseoli (Coleoptera)

CRYPTOMERIA:

Aspidiotus cryptomeriae (Homoptera)

CUCUMIS:

Dacus cucurbitae (?) (Diptera)*Ligyrocoris aurivilliana* (Hemiptera)*Naupactus xanthographus* (Coleoptera)*Pyrausta nubilalis* (Lepidoptera)*Texananus spatulatus* (Homoptera)

CUCURBITA:

Dacus cucurbitae (Diptera)*Ferrisia virgata* (Homoptera)

CUPRESSUS:

Lepidosaphes pallida (Homoptera)

CUSSONIA:

Diaspis zamiae (Homoptera)

CYCAD:

Ozophora concava (Hemiptera)

CYCAS:

Aonidiella inornata (Homoptera)

CYDONIA:

Anastrepha ludens (Diptera)*Ceratitis capitata* (Diptera)*Ectomyelois ceratoniae* (Lepidoptera)

CYMBIDIUM:

Lepidosaphes tuberculata (Homoptera)*Pseudaonidia curculiginis* (Homoptera)*Zonitoides arboreus* (Mollusca)

CYNARA:

Apion carduorum (Coleoptera)

CYNODON:

Antonina graminis (Homoptera)*Odonaspis ruthae* (Homoptera)

CYPRIPIEDUM:

Coccus capparidis (Homoptera)

CYRTOPODIUM:

Aspidiotus destructor (Homoptera)

CYTISUS:

Aspidiotus mairei (Homoptera)*Chionaspis salicis* (Homoptera)

DAHLIA:

Frankliniella intonsa (Thysanoptera)*Hepialus humuli* (Lepidoptera)*Taeniothrips atratus* (Thysanoptera)

DAUCUS:

Limax marginatus (Mollusca)

DELPHINIUM:

Thrips imaginis (Thysanoptera)

DENDROBIUM:

Aspidiotus australiensis (Homoptera)*Aspidiotus palmae* (Homoptera)*Chrysomphalus pinnulifera* (Homoptera)*Ferrisia virgata* (Homoptera)*Halticus chrysolepis* (Hemiptera)*Morganella longispina* (Homoptera)*Orchidophilus aterrimus* (Coleoptera)*Oxydema fusiforme* (Coleoptera)*Phenacaspis dendrobii* (tentative) (Homoptera)*Pinnaspis buxi* (Homoptera)

DIANTHUS:

Dysdercus honestus (Hemiptera)*Frankliniella formosae* (Thysanoptera)*Haplothrips gowdeyi* (Thysanoptera)*Iridomyrmex humilis* (Hymenoptera)*Taeniothrips dianthi* (Thysanoptera)*Taeniothrips hawaiiensis* (Thysanoptera)

DIEFFENBACHIA:

Ferrisia virgata (Homoptera)*Neoleucon rubrotylus* (Hemiptera)

DIOSCOREA:

Palaeopus costicollis (Coleoptera)*"Targionia" hartii* (Homoptera)

DIOSPYROS:

Lepidosaphes conchiformis (Homoptera)*Lepidosaphes tubulorum* (Homoptera)*Pseudococcus azaleae* (Homoptera)*Pseudococcus kraunhiae* (Homoptera)

DISTYLIUM:

Aulacaspis latissimus (Homoptera)

DRACAENA:

Chrysomphalus sphaerioides (Homoptera)

ELAEODENDRON:

Diaspis zamiae (Homoptera)

EPHEDRA:

Leucaspis riccae (Homoptera)

EPIDENDRUM:

Asterolecanium epidendri (Homoptera)*Chrysomphalus umboniferus* (Homoptera)*Eurytoma orchidearum* (?) (Hymenoptera)*Furcaspis biformis* (Homoptera)*Pseudischchnaspis alienus* (Homoptera)*Pseudoparlatoria ostreata* (Homoptera)*Tenthecoris angustimarginatus* (Hemiptera)*Tenthecoris distinguendus* (Hemiptera)*Vinsonia stellifera* (Homoptera)

ERICA:

Iridomyrmex humilis (Hymenoptera)*Pseudothrips glaucus* (?) (Thysanoptera)

ERIOBOTRYA:

Ectomyelois ceratoniae (Lepidoptera)

ERYTHRINA:

Aspidiotus herculeanus (Homoptera)

ESENBECKIA:

Bradybaena similis (Mollusca)

EUGENIA:

Anastrepha mombinpraepoptans (Diptera)*Dacus dorsalis* (Diptera)

EUGENIA(?):

Trialeurodes lauri (Homoptera)

EUONYMUS:

Lecanium corni (Homoptera)

EUPHORBIA:

Cryptophlebia illepidia (Lepidoptera)*Iridomyrmex humilis* (Hymenoptera)

EURYA:

Lepidosaphes tubulorum (Homoptera)*Parlatoria camelliae* (Homoptera)

Hosts and Insects—Continued

FATSIA:

Chrysomphalus bifasciculatus (Homoptera)

FERN:

Deroceras reticulatum (Mollusca)

FEROCACTUS:

Lepidosaphes philococcus (Homoptera)

FICUS:

Ceratitis capitata (Diptera)

Ceroplastes rusci (Homoptera)

Epidiaspis piricola (Homoptera)

Lepidosaphes ficus (Homoptera)

FORTUNELLA:

Unaspis yanonensis (Homoptera)

FRAGARIA:

Aleyrodes lonicerae (Homoptera)

FREESIA:

Iridomyrmex humilis (Hymenoptera)

GARDENIA:

Aleuroparadoxus gardeniae (Homoptera)

Ceroplastes rubens (Homoptera)

Coccus viridis (Homoptera)

Dialeurodes kirkaldyi (Homoptera)

Eucalymnatus tessellatus (Homoptera)

Ferrisia virgata (Homoptera)

Pulvinaria psidii (Homoptera)

Taeniothrips hawaiiensis (Thysanoptera)

GENTIANA:

Stenoptilia stigmatodactyla (Lepidoptera)

Taeniothrips picipes (Thysanoptera)

GERBERA:

Coccus viridis (Homoptera)

Haplothrips gowdeyi (Thysanoptera)

GLADIOLUS:

Frankliniella formosae (Thysanoptera)

Frankliniella panamensis (Thysanoptera)

Phera centrolineata (Homoptera)

Rhoecocoris sulciventris (?) (Hemiptera)

GONGORA:

Furcaspis bififormis (Homoptera)

GOSSYPIUM:

Bucculatrix thurberiella (Lepidoptera)

Ferrisia virgata (Homoptera)

Jadera sanguinolenta (Hemiptera)

Pectinophora gossypiella (Lepidoptera)

Platynota rostrana (Lepidoptera)

GREVILLEA:

Asterolecanium petrophilae (Homoptera)

HEDERA:

Brevipalpus obovatus (Acarina)

Ceroplastes rubens (Homoptera)

Chrysomphalus bifasciculatus (Homoptera)

HELICHRYSUM:

Frankliniella intonsa (Thysanoptera)

HELICONIA:

Vinsonia stellifera (Homoptera)

HIBISCUS:

Bemisia tabaci (Homoptera)

Pachybrachius albocinctus (Hemiptera)

Pectinophora gossypiella (Lepidoptera)

HORDEUM:

Limothrips denticornis (Thysanoptera)

HYMENAEA:

Rhinochenus stigma (Coleoptera)

ILEX:

Aleurotuberculatus aucubae (Homoptera)

Aleurotuberculatus similis (Homoptera)

Aonidiella lauretorum (Homoptera)

Ceronema japonica (?) (Homoptera)

Ceroplastes rubens (Homoptera)

Chrysomphalus bifasciculatus (Homoptera)

Deroceras reticulatum (Mollusca)

IOCHROMA:

Brevipalpus obovatus (Acarina)

IODINA:

Tetranychus cinnabarinus (Acarina)

IPOMOEA:

Cylas femoralis (Coleoptera)

Cylas formicarius ssp. (Coleoptera)

Cylas formicarius var. (Coleoptera)

Cylas formicarius elegantulus (Coleoptera)

Cylas formicarius formicarius (Coleoptera)

Cylas puncticollis (Coleoptera)

Euscepes postfasciatus (Coleoptera)

Spermophagus sericeus (?) (Coleoptera)

Sybra alternans (Coleoptera)

IRIS:

Iridothrips iridis (Thysanoptera)

IXORA:

Coccus viridis (Homoptera)

Pheidole megacephala (Hymenoptera)

Protopulvinaria pyriformis (Homoptera)

Pseudaonidia trilobitiformis (Homoptera)

JASMINUM:

Aonidiella comperei (Homoptera)

Aspidiotus palmarum (Homoptera)

Coccus viridis (Homoptera)

Dialeurodes kirkaldyi (Homoptera)

JUGLANS:

Ectomyelois ceratoniae (Lepidoptera)

Rhagoletis juglandis (Diptera)

JUNCUS:

Nipponaclerda biwakoensis (Homoptera)

JUNIPERUS:

Lepidosaphes newsteadi (Homoptera)

Lepidosaphes pallida (Homoptera)

Lineaspis striata (Homoptera)

Pentamerismus oregonensis (Acarina)

KIGELIA:

Ectomyelois ceratoniae (Lepidoptera)

LACTUCA:

Deroceras reticulatum (Mollusca)

Helix aspersa (Mollusca)

Milax gagates (?) (Mollusca)

Myzus ascalonicus (Homoptera)

Nysius vinitor (Hemiptera)

Thrips angusticeps (Thysanoptera)

LAELIA:

Anaphothrips orchidaceus (Thysanoptera)

Furcaspis bififormis (Homoptera)

Plagioderma thymaloides (Coleoptera)

Puto ulter (Homoptera)

LANSIUM:

Pseudococcus lilacinus (Homoptera)

LATHYRUS:

Bruchus tristis (Coleoptera)

Taeniothrips atratus (Thysanoptera)

Thrips flavus (Thysanoptera)

Thrips major (Thysanoptera)

LAURUS:

Aleuroplatus plumosus (Homoptera)

Trialeurodes lauri (Homoptera)

LAVANDULA:

Frankliniella intonsa (Thysanoptera)

Hosts and Insects—Continued

LENS:

- Bruchus ervi* (Coleoptera)
Bruchus signaticornis (Coleoptera)

LEUCAENA:

- Araecerus levipennis* (Coleoptera)
Sybra alternans (Coleoptera)

LICUALA:

- Aspidiotus destructor* (Homoptera)

LILIUM:

- Frankliniella formosae* (Thysanoptera)
Phenacoccus gossypii (Homoptera)
Riparsiella palastinae (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

LIRIOPE:

- Pinnaspis caricis* (Homoptera)

LITCHI:

- Cryptophlebia illepidia* (Lepidoptera)
Fiorinia nephelii (Homoptera)
Icerya seychellarum (Homoptera)
Pulvinaria psidii (Homoptera)

LOCKHARTIA:

- Conchaspis orchidarum* (Homoptera)

LOLIUM:

- Hypera postica* (Coleoptera)

LUCUMA:

- Anastrepha serpentina* (Diptera)

LUPINUS:

- Acanthoscelides spinipes* (Coleoptera)
Bruchus tristis (Coleoptera)

LYCASTE:

- Puto ulter* (Homoptera)

LYCOPERSICON:

- Dacus cucurbitae* (Diptera)
Dacus dorsalis (Diptera)
Exptochiamera oblonga (Hemiptera)
Gnaphalodes trachyderoides (Coleoptera)
Neoleucinodes elegantalis (Lepidoptera)
Platynota rostrana (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)

LYCORIS:

- Taeniothrips gracilis* (Thysanoptera)

MACADAMIA:

- Oxydema fusiforme* (Coleoptera)
Sybra alternans (Coleoptera)

MALPIGHIA:

- Pulvinaria urbicola* (tentative) (Homoptera)

MALUS:

- Argyresthia conjugella* (Lepidoptera)
Carpocapsa niponensis (Lepidoptera)
Epidiaspis piricola (Homoptera)
Parlatoria oleae (Homoptera)
Rhopalosiphum crataegellum (Homoptera)

MALVACEAE:

- Pectinophora gossypiella*(?) (Lepidoptera)

MANGIFERA:

- Anastrepha ludens* (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Aspidiotus destructor (Homoptera)
Aulacaspis mangiferae (Homoptera)
Aulacaspis tubercularis (Homoptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Dacus dorsalis (Diptera)
Pseudischnaspis longissima (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
Sternonchetus mangiferae (Coleoptera)

MEDICAGO:

- Frankliniella schultzei* (Thysanoptera)

MENTHA:

- Haplothrips gowdeyi* (Thysanoptera)

METROSIDEROS:

- Ceroplastes rubens* (Homoptera)

MICHELIA:

- Brevipalpus obovatus* (Acarina)

MOMORDICA:

- Dacus cucurbitae* (Diptera)
Sybra alternans (Coleoptera)

MONSTERA:

- Neoleucon rubrotylus* (Hemiptera)
Pinnaspis buxi (Homoptera)
Vinsonia stellifera (Homoptera)

MUSA:

- Cosmopolites sordidus* (Coleoptera)
Dacus dorsalis (Diptera)
Epilachna borealis aequinoxialis (Coleoptera)
Epilachna paenulata (Coleoptera)
Metamasius sericeus (Coleoptera)
Metamasius sericeus sericeus (Coleoptera)
Platynota rostrana (Lepidoptera)
Porphyrobaphe iostoma (Mollusca)

MUSCARI:

- Bouhelia maroccana* (Homoptera)

MYRISTICA:

- Aspidiotus palmarum* (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)

NARCISSUS:

- Lampetia equestris* (Diptera)
Steneotarsonemus laticeps (Acarina)

NEOMOOREA:

- Pinnaspis buxi* (Homoptera)

NEPENTHES:

- Limax marginatus* (Mollusca)

NERIUM:

- Chrysomphalus personatus* (Homoptera)
Haplothrips gowdeyi (Thysanoptera)
Morganella longispina (Homoptera)

NIPA:

- Aspidiotus destructor* (Homoptera)

NYMPHAEA:

- Thrips imaginis* (Thysanoptera)

ODONTOGLOSSUM:

- Aspidiotus mendax* (Homoptera)
Puto ulter (Homoptera)
Tenthetocoris bicolor (Hemiptera)

OEONIELLA:

- Zonitoides arboreus* (Mollusca)

OLEA:

- Aleurolobus olivinus* (Homoptera)
Ceratitis capitata (Diptera)
Dacus oleae (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
Leucaspis riccae (Homoptera)
Parlatoria oleae (Homoptera)
Phloeotribus scarabaeoides (Coleoptera)
Prays oleellus (Lepidoptera)

OLINIA:

- Thrips major* (Thysanoptera)

ONCIDIUM:

- Asterolecanium epidendri* (Homoptera)
Chrysomphalus umboniferus (tentative) (Homoptera)
Farinococcus guatemalensis (Homoptera)

Hosts and Insects—Continued

ONCIDIUM—Continued

- Furcaspis biformis* (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Tenthecoris confusus (Hemiptera)
Vinsonia stellifera (Homoptera)

OPERCULINA:

- Adoretus sinicus* (Coleoptera)
Chaetanaphothrips orchidii (Thysanoptera)
Sybra alternans (Coleoptera)

OPUNTIA:

- Ceratitis capitata* (Diptera)

ORCHID:

- Aleuroglandulus emmae* (Homoptera)
Amphelasma decoratum (Coleoptera)
Anacraga sofia (Lepidoptera)
Aonidiella citrina (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus palmarum (Homoptera)
Asterolecanium epidendri (Homoptera)
Bradybaena similis (Mollusca)
Brevipalpus oncidii (Acarina)
Brevipalpus phoenicis (Acarina)
Chrysomphalus personatus (Homoptera)
Chrysomphalus unboniferus (Homoptera)
Deloia guttata (Coleoptera)
Deroceras reticulatum (Mollusca)
Diachus auratus (Coleoptera)
Diorymerellus laevimargo (Coleoptera)
Exptochiomeria albomaculata (Hemiptera)
Exptochiomeria confusa (Hemiptera)
Farinococcus guatemalensis (Homoptera)
Furcaspis biformis (Homoptera)
Galgupha punctifer (Hemiptera)
Iridomyrmex iniquus (Hymenoptera)
Lecaniodiaspis dendrobii (Homoptera)
Lepidosaphes tuberculata (Homoptera)
Ligyrocoris aurivilliana (Hemiptera)
Ligyrocoris nitidicollis (Hemiptera)
Limax marginatus (Mollusca)
Microcerotermes arboreus (Isoptera)
Monanthia monotropidia (Hemiptera)
Mormidea pictiventris (Hemiptera)
Nysius raphanus (Hemiptera)
Oebalus insularis (Hemiptera)
Oedancala bimaculata (Hemiptera)
Opuntiaspis carinata (Homoptera)
Pachygrontha oedancalodes (Hemiptera)
Parlatoria pseudaspidotus (Homoptera)
Paromius longulus (Hemiptera)
Plagioderia semivittata (Coleoptera)
Plagioderia thymaloides (Coleoptera)
Planococcus hoznyi (Homoptera)
Pseudischnaspis alienus (Homoptera)
Pseudischnaspis longissima (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Puto ulter (Homoptera)
Rhopalosiphum rufiabdominalis (Homoptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris confusus (Hemiptera)
Tenthecoris distinguendus (Hemiptera)
Tenthecoris vestitus (Hemiptera)
Tenuipalpus pacificus (Acarina)
Vilga dissimilis (Hemiptera)
Vinsonia stellifera (Homoptera)
Zonitoides arboreus (Mollusca)

OREOPANAX:

- Pseudococcus gahani* (Homoptera)

ORNITHOGALUM:

- Epichorista ionephela* (Lepidoptera)

ORYZA:

- Chilo suppressalis* (Lepidoptera)
Monomorium destructor (Hymenoptera)
Trogoderma granarium (Coleoptera)

OSMANTHUS:

- Aspidiotus excisus* (Homoptera)

OXALIS:

- Trialeurodes tabaci* (Homoptera)

PACHYCEREUS:

- Diaspis echinocacti* (Homoptera)

PACHYSANDRA:

- Aspidiotus excisus* (Homoptera)

PALM:

- Aspidiotus destructor* (Homoptera)
Bostrychoplites cornutus (Coleoptera)
Chrysomphalus personatus (Homoptera)
Chrysomphalus propeus (Homoptera) (as defined by McKenzie)
Chrysomphalus sphaerioides (Homoptera)
Chrysomphalus tenax (Homoptera)
Diaspis zamiae (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Heterotermes convexitatus (Isoptera)
Lyctus brunneus (Coleoptera)

PANDANUS:

- Lepidosaphes esakii* (Homoptera)
Pseudococcus pandani (Homoptera)

PANICUM:

- Antonina graminis* (Homoptera)

PASSIFLORA:

- Dacus dorsalis* (Diptera)

PELARGONIUM:

- Orychilus allarius* (Mollusca)
Phenacoccus gossypii (Homoptera)
Puto mexicanus (Homoptera)

PELTOPHORUM:

- Caryedon fuscus* (?) (Coleoptera)

PEPEROMIA:

- Bradybaena similis* (Mollusca)

PERSEA:

- Anastrepha ludens* (Diptera)
Chrysomphalus personatus (Homoptera)
Conotrachelus aguacatae (Coleoptera)
Conotrachelus perseae (Coleoptera)
Dacus dorsalis (Diptera)
Limax marginatus (Mollusca)
Stenomoma catenifer (Lepidoptera)

PETROSELINUM:

- Cepaea nemoralis* (Mollusca)
Theba pisana (Mollusca)

PHAJUS:

- Vinsonia stellifera* (Homoptera)

PHASEOLUS:

- Apion griseum* (Coleoptera)
Callosobruchus phaseoli (Coleoptera)
Dacus cucurbitae (Diptera)
Epinotia aporema (Lepidoptera)
Exptochiomeria confusa (Hemiptera)
Iridomyrmex humilis (Hymenoptera)
Laspeyresia fabivora (Lepidoptera)
Maruca testulalis (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)

PHILODENDRON:

- Chrysomphalus albopictus* (Homoptera)
Chrysomphalus sphaerioides (Homoptera)
Chrysomphalus tenax (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Neoleucon rubrotulus (Hemiptera)
Pinnaspis buxi (Homoptera)
Tenthecoris bicolor (Hemiptera)

PHOENIX:

- Dactylotrypes uytenboogaarti* (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)

PHORADENDRON:

- Aspidiotus popularum* (tentative) (Homoptera)

PILEA:

- Pseudococcus citricus* (Homoptera)

Hosts and Insects—Continued

PINUS:

Lepidosaphes newsteadi (Homoptera)
Leucaspis loewi (Homoptera)
Leucaspis pusilla (Homoptera)
 "Poliaspis" *pini* (Homoptera)

PIPER:

Phenacoccus hirsutus (Homoptera)

PISTACIA:

Chrysomphalus inopinatus (Homoptera)
Eurytoma plotnikovi (Hymenoptera)
Lepidosaphes pistaciae (Homoptera)
Lepidosaphes pistaciae f. *pistacicola* (Homoptera)

PISUM:

Ancylostomia stercorea (Lepidoptera)
Caryedon fuscus (Coleoptera)
Chalcodermus aeneus (Coleoptera)
Eberes comyntas (Lepidoptera)
Fundella pellucens (Lepidoptera)
Laspeyresia nigricana (Lepidoptera)
Maruca testulalis (Lepidoptera)

PITHECELOBIUM:

Stator limbatus (Coleoptera)

PITTOSPORUM:

Brevipalpus obovatus (Acarina)

PLEUROTHALLIS:

Amyssonotum rastratum flexum (Hemiptera)

PLUMERIA:

Pholidoforus advena (Coleoptera)
Taeniothrips hawaiiensis (Thysanoptera)

POLIANTHES:

Thrips flavus (Thysanoptera)

POTENTILLA:

Thrips major (Thysanoptera)

POTHOS:

Diaprepes abbreviatus (Coleoptera)

PRIMULA:

Deroceras reticulatum (Mollusca)

PROTEA:

Cenaeus pectoralis (Hemiptera)
Iridomyrmex humilis (Hymenoptera)

PRUNUS AMYGDALUS:

Aspidiotus destructor (Homoptera)
Ectomyelois ceratoniae (Lepidoptera)
Parlatoria oleae (Homoptera)
Trogoderma parabile (Coleoptera)

PRUNUS ARMENIACA:

Ischnodemus diplopterus (Hemiptera)
Parlatoria oleae (Homoptera)

PRUNUS DOMESTICA:

Ceratitis capitata (Diptera)
Geniocretnus chilensis (Coleoptera)
Listroderes subcincta (Coleoptera)
Pseudococcus gahani (Homoptera)

PRUNUS PERSICA:

Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Dichocrocis punctiferalis (Lepidoptera)
Geniocretnus chilensis (Coleoptera)
Ischnodemus diplopterus (Hemiptera)
Pulvinaria vitis (Homoptera)
Trogoderma granarium (Coleoptera)

PRUNUS PERSICA NECTARINA:

Geniocretnus chilensis (Coleoptera)

PRUNUS SEROTINA:

Anthonomus rectirostris (Coleoptera)

PRUNUS SP. (cherry):

Malacosoma neustria (Lepidoptera)
Rhagoletis cerasi (Diptera)

PRUNUS SP. (?):

Ceroplastes japonicus (Homoptera)

PSIDIUM:

Anastrepha mombinpraeoptans (Diptera)
Anastrepha striata (?) (Diptera)
Ceratitis capitata (Diptera)
Lechriops psidii (Coleoptera)

PUNICA:

Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Dacus dorsalis (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
Orthezia pseudinsignis (Homoptera)

PYRUS:

Ceratitis capitata (Diptera)
Lepidosaphes conchiformis (Homoptera)
Pseudococcus gahani (Homoptera)

QUERCUS:

Adleria kollari (Hymenoptera)
Curculio elephas (Coleoptera)
Hemimene juliana (Lepidoptera)

RAPHANUS:

Hellula undalis (Lepidoptera)

RAUWOLFIA:

Pseudaonidia darutyi (Homoptera)

REINHARDTIA:

Pseudaonidia tesserata (Homoptera)

RENANTHERA:

Furcaspis biformis (Homoptera)

RHAPIS:

Aspidiotus destructor (Homoptera)

RHODODENDRON:

Ceroplastes rubens (Homoptera)
Dialeurodes chittendeni (Homoptera)
Gracilaria azaleella (Lepidoptera)
Pseudaonidia clavigera (Homoptera)
Pseudococcus gahani (Homoptera)
Stephanitis pyrioides (Hemiptera)

RHYNCHOSTYLIS:

Phenacaspis dendrobii (tentative) (Homoptera)

ROBINIA:

Lecanium corni (Homoptera)

ROSA:

Chrysomphalus personatus (Homoptera)
Frankliniella intosa (Thysanoptera)
Isoneurothrips obscuratus (Thysanoptera)
Parlatoria oleae (Homoptera)
Paromius longulus (Hemiptera)
Tetraleurodes ursorum (Homoptera)
Tetranychus lobosus (Acarina)
Thrips fuscipennis (Thysanoptera)
Thrips major (Thysanoptera)

ROYSTONEA:

Leucaspis cockerelli (Homoptera)

RUBUS:

Asterobemisia carpini (Homoptera)

RUMEX:

Dysdercus andreae (Hemiptera)
Pheidole megacephala (Hymenoptera)

RUTA:

Trialeurodes abutilonea (Homoptera)

Hosts and Insects—Continued

RUTACEAE(?):

Trialeurodes similis (Homoptera)

SACCHARUM:

Aulacaspis madiunensis (Homoptera)*Chilo loftini* (Lepidoptera)*Pyrophorus noctilucus* (Coleoptera)*Trionymus sacchari* (Homoptera)

SAINTPAULIA:

Acalypta brunnea (Hemiptera)

SCHEFFLERA:

Protopulvinaria pyriformis (Homoptera)*Pseudococcus gahani* (Homoptera)

SCHOMBURGKIA:

Chrysomphalus umboniferus (Homoptera)*Pseudischnaspis alienus* (Homoptera)

SECHIUM:

Phenacoccus gossypii (Homoptera)*Platynota rostrana* (Lepidoptera)

SEDUM:

Pulvinaria psidii (Homoptera)

SELAGINELLA:

Bradybaena similis (Mollusca)

SESBANIA:

Acanthoscelides griseolus(?) (Coleoptera)

SOIL:

Aleyrodes lonicerae (Homoptera)*Arion circumscriptus* (Mollusca)*Brachyrhinus ovalis* (Coleoptera)*Bradybaena similis* (Mollusca)*Frankliniella schultzei* (Thysanoptera)*Glycyphagus ornatus* (Acarina)*Limax marginatus* (Mollusca)*Orychilus allarius* (Mollusca)*Pentodon punctatus* (Coleoptera)*Philaenus leucophthalmus* (Homoptera)*Synyrias diffundens* (Lepidoptera)*Tetranychus desertorum* (Acarina)

SOLANUM MELONGENA:

Leucinodes orbonalis (Lepidoptera)*Neoleucinodes elegantalis* (Lepidoptera)

SOLANUM QUITOENSE:

Neoleucinodes elegantalis (Lepidoptera)

SOLANUM TUBEROSUM:

Tyrophagus infestans (Acarina)

SOLANUM SP.:

Pachyzancla periusalis (Lepidoptera)

SORBUS:

Chionaspis salicis (Homoptera)

SORGHUM:

Pyrausta nubilalis (Lepidoptera)

SPINACIA:

Gnorimoschema ocellatella (Lepidoptera)

SPONDIAS:

Anastrepha mombinpraeoptans (Diptera)*Dacus dorsalis* (Diptera)

STANHOPEA:

Brevipalpus phoenicis (Acarina)*Coccus viridis* (Homoptera)*Furcaspis biformis* (Homoptera)

STRELITZIA:

Thecla ziba (Lepidoptera)

SYRINGA:

Adoxophyes orana (Lepidoptera)

TAMARINDUS:

Caryedon fuscus (Coleoptera)*Cryptophlebia ombrodelta* (Lepidoptera)*Ectomyelois ceratoniae* (Lepidoptera)

TAXUS:

Lepidosaphes pallida (Homoptera)

TERMINALIA:

Aspidiotus destructor (Homoptera)*Dacus dorsalis* (Diptera)

THEOBROMA:

Stenoma decora (Lepidoptera)

THUJA:

Aspidiotus pseudomeyeri (Homoptera)*Oligonychus perditus* (Acarina)

TILLANDSIA:

Andrector atrofasciata (Coleoptera)*Galgupha punctifer* (Hemiptera)

TRACHELOSPERMUM:

Aspidiotus destructor (Homoptera)

TRAPA:

Fulvius brevicornis (Hemiptera)

TRIFOLIUM:

Hypera nigrirostris (Coleoptera)

TRIGONIDIUM:

Vinsonia stellifera (Homoptera)

TRITICUM:

Iridomyrmex humilis (Hymenoptera)*Limothrips denticornis* (Thysanoptera)*Oxygryllus ruginasus* (Coleoptera)*Trogoderma glabrum* (Coleoptera)*Trogoderma granarium* (Coleoptera)*Trogoderma inclusum* (Coleoptera)

TSUGA:

Aspidiotus abietis (Homoptera)

TULIPA:

Myzus ascalonicus (Homoptera)*Taeniothrips gracilis* (Thysanoptera)

TURNERA:

Trialeurodes similis (Homoptera)*Trialeurodes tephrosiae* (Homoptera)

VACCINIUM:

Aleurotuberculatus similis (Homoptera)

VANDA:

Athesapeuta cyperi (Coleoptera)*Bradybaena similis* (Mollusca)*Caryedon fuscus* (Coleoptera)*Deroceras reticulatum* (Mollusca)*Furcaspis biformis* (Homoptera)*Leucaspis cockerelli* (Homoptera)*Nysius coenosulus* (Hemiptera)*Orchidophilus aterrimus* (Coleoptera)*Parlatoria pseudaspidotus* (Homoptera)*Siphanta acuta* (Homoptera)*Zonitoides arboreus* (Mollusca)

VIBURNUM:

Frauenfeldiella jelinekii (Homoptera)

VICIA:

Acanthoscelides spinipes (Coleoptera)*Bruchus guttalis*(?) (Coleoptera)*Bruchus luteicornis* (Coleoptera)*Bruchus tristis* (Coleoptera)*Callosobruchus phaseoli* (Coleoptera)]]

VIGNA:

Nezara viridula (Hemiptera)

*Hosts and Insects—Continued***VIOLA:***Frankliniella panamensis* (Thysanoptera)**VITIS:***Aledra fraterno* (Hemiptera)*Ischnodemus diplopterus* (Hemiptera)*Leptoglossus chilensis* (Hemiptera)*Lobesia botrana* (?) (Lepidoptera)*Naupactus xanthographus* (Coleoptera)*Neotermes chilensis* (Isoptera)*Nezara viridula* (Hemiptera)*Phlyctinus callosus* (Coleoptera)*Raglius apicalis* (Hemiptera)**YUCCA:***Chrysomphalus agavis* (Homoptera)*Farinococcus olivaceus* (Homoptera)*Pseudococcus cualatensis* (Homoptera)*Puto mexicanus* (Homoptera)**ZANTEDESCHIA:***Cyrtopeltis modestus* (Hemiptera)*Haplothrips gowdeyi* (Thysanoptera)*Nezara viridula* (Hemiptera)**ZEA:***Chilo loftini* (Lepidoptera)*Pagiocerus fiorii* (Coleoptera)*Pyrausta nubilalis* (Lepidoptera)*Zeadiatraea lineolata* (Lepidoptera)**ZINGIBER:***Tyrophagus infestans* (Acarina)

Hosts Unknown

AIRPLANE:

Adoretus sinicus (Coleoptera)
Agrotis exusta (Lepidoptera)
Amblycephalus spectrus (Homoptera)
Azeta versicolor (Lepidoptera)
Ceresium unicolor (Coleoptera)
Coptotermes formosanus (Isoptera)
Epilachna sparsa(?) (Coleoptera)
Ereunetis simulans (Lepidoptera)
Euxoa spinifera (Lepidoptera)
Heterobostrychus aequalis (Coleoptera)
Melipotis famelica (Lepidoptera)
Nephotettix apicalis (Homoptera)
Nephotettix bipunctatus (Homoptera)
Noropsis hieroglyphica (Lepidoptera)
Ortholomus jamaicensis (Hemiptera)
Pachodynerus nasidens (Hymenoptera)
Pachybrachius nigriceps (Hemiptera)
Paragonatus divergens (Hemiptera)
Paromius longulus (Hemiptera)
Perkinsiella saccharicida (Homoptera)
Piezodorus rubrofasciatus (Hemiptera)
Plusia chalcites (Lepidoptera)
Prodenia litura (Lepidoptera)
Protaetia orientalis (Coleoptera)
Rupela tinctella (Lepidoptera)
Sinoxylon conigerum (Coleoptera)
Stoeberhinus testaceus (Lepidoptera)
Trogoderma sternale ssp. (Coleoptera)

AUTOMOBILE:

Thyanta antiquensis (Hemiptera)

BAGGAGE:

Adoretus sinicus (Coleoptera)
Anomala orientalis (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)

BAGGING:

Trogoderma granarium (Coleoptera)

BARK:

Ips combrae (Coleoptera)

BEAN:

Adoretus sinicus (Coleoptera)
Ancylostomia stercorea (Lepidoptera)
Andrector ruficornis (Coleoptera)
Bruchus tristis (Coleoptera)
Trogoderma granarium (Coleoptera)
Trogoderma insulare (Coleoptera)

BIRDS—STUFFED:

Trogoderma inclusum (Coleoptera)

BRAN:

Trogoderma parabile (Coleoptera)

BULBS:

Opogona subcervinella (Lepidoptera)

CLOTHING:

Sybra alternans (Coleoptera)

CONEX BOX:

Theba pisana (Mollusca)

CUTTING:

Lopazia oblecta (Homoptera)

DUNNAGE:

Cepaea nemoralis (Mollusca)

FEED:

Trogoderma parabile (Coleoptera)

FLOUR:

Trogoderma granarium (Coleoptera)
Trogoderma parabile (Coleoptera)

FLOWERS:

Adoretus sinicus (Coleoptera)
Bradybaena similis (Mollusca)
Bryobia cristata (Acarina)
Conotelus mexicanus (Coleoptera)

Deroceras reticulatum (Mollusca)
Frankliniella formosae (Thysanoptera)
Frankliniella intonsa (Thysanoptera)
Geotomus pygmaeus (Hemiptera)
Haplothrips gowdeyi (Thysanoptera)
Helix aspersa (Mollusca)
Iridomyrmex humilis (Hymenoptera)
Siphanta acuta (Homoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips major (Thysanoptera)
Vallonia pulchella (Mollusca)

FOLIAGE:

Hyalopeplus pellucidus (Hemiptera)
Syagrius fulvitaris (Coleoptera)

FOODSTUFF:

Callosobruchus phaseoli (Coleoptera)

GRAIN:

Trogoderma glabrum (Coleoptera)

GRASS:

Aclerda yunnanensis (Homoptera)

GRITS:

Trogoderma parabile (Coleoptera)

HERB:

Micrutalis apicalis (Homoptera)

LEAF:

Aspidiotus destructor (Homoptera)
Gynaikothrips ficorum (Thysanoptera)
Pinnaspis uniloba (Homoptera)
Protopulvinaria pyrifomis (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Tetraleurodes acaciae (Homoptera)
Tetraleurodes ursorum (Homoptera)
Trialeurodes variabilis (Homoptera)

LEGUME:

Bruchus tristis (Coleoptera)
Ectomyelois muriscis (Lepidoptera)
Mimosestes sallaei (Coleoptera)

LOG:

Ips calligraphus (Coleoptera)
Palaeocorynus nigrosignatus (Coleoptera)

MAILBAG:

Lethocerus indicus (Hemiptera)

MAIL PARCEL:

Adoretus sinicus (Coleoptera)
Oxydema fusiforme (Coleoptera)

MILITARY CARGO:

Achatina fulica (Mollusca)
Theba pisana (Mollusca)

MOSS:

Limax maximus (Mollusca)
Sitona lineata (Coleoptera)

PACKAGE:

Trogoderma parabile (Coleoptera)

PACKING CASE:

Callidium rufipenne (Coleoptera)
Theba pisana (Mollusca)

PAPER:

Sybra alternans (Coleoptera)

PLANTS:

Chrysomphalus minutus (Homoptera)
Coccus viridis (Homoptera)
Dicyphus errans (Hemiptera)
Haplothrips cotei (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Morganella longispina (Homoptera)
Pinnaspis buri (Homoptera)

Hosts Unknown—Continued

PLANTS—Continued

Pulvinaria psidii (Homoptera)
Tetraleurodes acaciae (Homoptera)
Tetraleurodes ursorum (Homoptera)
Tetranychus tumidus (Acarina)

RAILWAY CAR:

Trogoderma glabrum (Coleoptera)
Trogoderma inclusum (Coleoptera)

ROSACIOUS SHRUBS:

Brachyrhinus porcatus (Coleoptera)

SEED:

Systole geniculata (Hymenoptera)

SEED POD:

Ectomyelois muriscis (Lepidoptera)

STORES—DRY:

Trogoderma granarium (Coleoptera)

SUITCASE:

Oxydema fusiforme (Coleoptera)

TWIG:

Aspidiotus aesculi (tentative) (Homoptera)
Chrysomphalus sacculata (tentative) (Homoptera)

UNKNOWN:

Anastrepha mombinpraeoptans (Diptera)
Helix aspersa (Mollusca)
Trogoderma granarium (Coleoptera)

WOOD:

Cryptotermes brevis (Isoptera)
Heterobostrychus aequalis (Coleoptera)
Hylurgops palliatus (Coleoptera)
Listroderes costirostris obliquus (Coleoptera)
Lyctus africanus (Coleoptera)
Minthea rugicollis (Coleoptera)
Molorchus minor (Coleoptera)
Nasutitermes corniger (Isoptera)
Nasutitermes costalis (Isoptera)
Obrium cantharinum (?) (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Reticulitermes flavipes (Isoptera)
Sinoxylon anale (Coleoptera)
Sinoxylon conigerum (Coleoptera)
Theba pisana (Mollusca)

Countries of Origin and Insects

ALGERIA:

Coccus viridis
Parlatoria zizyphus

AMERICAN SAMOA:

Parlatoria pseudaspidotus

AMERICAN VIRGIN ISLANDS:

Vinsonia stellifera

ANGLO-EGYPTIAN SUDAN:

Pectinophora gossypiella

ANGOLA:

Pectinophora gossypiella(?)

ANTIGUA:

Asterolecanium milaris robustum
Dysdercus andreae
Pectinophora gossypiella
Vinsonia stellifera

ARGENTINA:

Ceratitis capitata
Frankliniella schultzei
Limax marginatus
Parlatoria cinerea
Pseudaonidia trilobitiformis
Tyrophagus infestans
Vallonia pulchella

ARUBA:

Acanthoscelides armitagei

AUSTRALIA:

Aspidiotus australiensis
Aspidiotus palmae
Asterolecanium petrophilae
Eucalymnatus tessellatus
Frankliniella schultzei
Isoneurothrips obscuratus
Lepidosaphes tuberculata
Limax marginatus
Monomorium destructor
Nysius vinitor
Rhoecocoris sulciventris(?)
Sternochetus mangiferae
Thrips imaginis
Zonitoides arboreus

AUSTRALIA(?):

Prodenia litura

AUSTRIA:

Aleyrodes lonicerae

AZORES:

Ceratitis capitata
Haplothrips cottei
Haplothrips gowdeyi
Helix aspersa
Iridomyrmex humilis
Laspeyresia splendana
Pseudococcus citricus
Rhagoletis cerasi

BAHAMAS:

Ancylostomia stercorea
Asterolecanium epidendri
Chalcodermus aeneus
Ectomyelois ceratoniae
Ips calligraphus
Melipotis famelica
Mormidea pictiventris
Pheidole megacephala
Protopulvinaria pyriformis

BARBADOS:

Aspidiotus destructor
Chalcodermus aeneus
Fundella pellucens
Pectinophora gossypiella
Protopulvinaria pyriformis
Pseudaonidia trilobitiformis

BELGIAN CONGO:

Ceratitis capitata(?)

BELGIUM:

Acrolepia assectella
Anthonomus rectirostris
Deroceras reticulatum
Lecanium coryli
Mamestra brassicae
Phytomyza rufipes
Pityogenes chalcographus
Rhagoletis cerasi
Tyrophagus infestans

BERMUDA:

Bradybaena similis
Deroceras reticulatum
Haplothrips gowdeyi
Iridomyrmex humilis
Morganella longispina
Phenacoccus gossypii
Pulvinaria psidii

BOLIVIA:

Pseudaonidia trilobitiformis

BRAZIL:

Aleurothrixus floccosus
Aleurothrixus myrtacei
Anastrepha serpentina
Asterolecanium epidendri
Bradybaena similis
Brevipalpus obovatus
Ceratitis capitata(?)
Cerconota anonella
Chrysomphalus personatus
Dysdercus honestus
Euscepes postfasciatus
Furcaspis biformis
Maruca testulalis
Monanthia monotropidia
Neoleucinodes elegantalis
Parlatoria cinerea
Phelomerus aberrans
Pseudaonidia trilobitiformis
Stenomacrus catenifer
Stephanoderes hampei
Trialeurodes tabaci
Trogoderma granarium
Vinsonia stellifera

BRITISH GUIANA:

Aspidiotus destructor
Cylas formicarius elegantulus
Furcaspis biformis
Vinsonia stellifera

BRITISH HONDURAS:

Asterolecanium epidendri
Chrysomphalus umboniferus
Furcaspis biformis
Lecaniodiaspis dendrobii
Pseudischinaspis alienus
Vinsonia stellifera

BRITISH WEST INDIES:

"*Targionia*" *hartii*

CANADA:

Arion circumscriptus
Brachyrhinus ovatus
Chermes piceae
Philaenus leucophthalmus
Pulvinaria vitis
Taeniothrips ericae
Zonitoides arboreus

CANAL ZONE:

Aspidiotus destructor
Asterolecanium epidendri
Brevipalpus phoenicis
Chrysomphalus umboniferus
Conchaspis orchidarum
Furcaspis biformis
Leucaspis cockerelli

Countries of Origin and Insects—Continued

CANAL ZONE—Continued

Parlatoria cinerea
Pinnaspis buxi
Pseudischinaspis alienus
Tenthecoris distinguendus
Unaspis citri
Vilga dissimilis
Vinsonia stellifera

CANARY ISLANDS:

Brevipalpus phoenicis
Chrysomphalus diversicolor (as defined by
 McKenzie)

CAPE VERDE ISLANDS:

Bruchus luteicornis

CENTRAL AMERICA:

Anastrepha mombinpraeoptans
Conotrachelus perseae

CEYLON:

Monomorium destructor
Tyrophagus infestans

CHILE:

Acedra fraterno
Epinotia aporema
Geniocremanus chilensis
Leptoglossus chilensis
Listroderes subcincta
Lygaeus albo-ornatus
Naupactus xanthographus
Neotermes chilensis
Nezara viridula
Pseudococcus gahani

CHINA:

Parlatoria zizyphus
Trogoderma granarium
Unaspis yanonensis

COLOMBIA:

Cyrtopeltis modestus
Epinotia aporema
Ferrisia virgata
Frankliniella panamensis
Parlatoria cinerea
Parlatoria pseudaspidiotus
Platypus rugulosus
Pseudaonidia trilobitiformis
Stenoma catenifer
Thecla ziba

COSTA RICA:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus palmarum
Asterolecanium epidendri
Chrysomphalus umboniferus
Cosmopolites sordidus
Deroceras reticulatum
Farinococcus guatemalensis
Furcaspis bififormis
Ligyrocorys nitidicollis
Limax marginatus
Ortholomus jamaicensis
Pinnaspis buxi
Pseudischinaspis alienus
Puto ulter
Tenthecoris confusus
Tenthecoris distinguendus

CUBA:

Aganactesis indecora
Anastrepha mombinpraeoptans
Andrector ruficornis
Aspidiotus destructor
Asterolecanium epidendri
Asterolecanium miliaris
Coccus viridis
Cylas formicarius elegantulus
Faustinus cubae
Ferrisia virgata
Furcaspis bififormis

Heterobostrychus aequalis
Leucaspis cockerelli
Limax marginatus
Micrutalis apicalis
Noropsis hieroglyphica
Pachybrachius albocinctus
Parlatoria crotonis
Parlatoria zizyphus
Pectinophora gossypiella
Pheidole megacephala
Platynota rostrana
Pseudischinaspis bowreyi
Pseudoparlatoria ostreata
Pyrophorus noctilucus
Ribua innoxia
Tetranychus tumidus
Unaspis citri
Vinsonia stellifera
Zeadiatraea lineolata

DENMARK:

Frankliniella intonsa
Limothrips denticornis
Molorchus minor

DOMINICAN REPUBLIC:

Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Ancylostoma stercorea
Cylas formicarius elegantulus
Dialeurodes citrifolii
Leucaspis cockerelli
Pectinophora gossypiella
Platynota rostrana
Ribua innoxia
Systole geniculata
Trionymus sacchari

ECUADOR:

Chrysomphalus umboniferus
Cosmopolites sordidus
Epilachna borealis aequinoxialis
Epilachna paenulata
Exptochiomeria confusa
Laspeyresia fabivora
Metamasius sericeus
Metamasius sericeus sericeus
Neoleucinodes elegantalis
Pagiocerus fiorii
Porphyrobaphe iostoma
Stenoma catenifer

EGYPT:

Callosobruchus phaseoli
Ceratitis capitata
Stephanoderes hampei

ELEUTHERA ISLAND:

Pectinophora gossypiella

EL SALVADOR:

Anastrepha mombinpraeoptans
Aulacaspis mangiferae
Aulacaspis tubercularis
Chrysomphalus umboniferus
Deroceras reticulatum
Furcaspis bififormis
Pseudischinaspis alienus
Pseudoparlatoria ostreata
Stenoma catenifer
Vinsonia stellifera

ENGLAND:

Aleuroplatus plumosus
Anoecia corni
Argyresthia conjugella
Brevipalpus oncidii
Dactylotrypes uytenboogaarti
Deroceras reticulatum
Dialeurodes chittendeni
Frankliniella intonsa
Frauenfeldiella jelinekii
Gelechia ericetella
Hepialus humuli
Iridothrips iridis

Countries of Origin and Insects—Continued

ENGLAND—Continued

Lampetia equestris
Lecanium corni
Lepidosaphes tuberculata
Myzus ascalonicus
Phytomyza rufipes
Pulvinaria camelicola
Steneotarsonemus laticeps
Taeniothrips atratus
Thrips flavus
Thrips fuscipennis
Thrips major
Trogoderma granarium
Zonitoides arboreus

ENIWETOK (?):

Sternochetus mangiferae

FEDERATION OF MALAYA:

Furcaspis biformis
Parlatoria zizyphus
Prays endocarpa

FIJI ISLANDS:

Aspidiotus herculeanus
Lepidosaphes tuberculata
Morganella longispina
Unaspis citri

FINLAND:

Arge pullata

FORMOSA:

Ceroplastes rubens
Lepidosaphes tuberculata
Parlatoria zizyphus
Trogoderma granarium

FRANCE:

Aceria macrochelus
Acrolepia assectella
Aspidiotus mairei
Asterobemisia carpini
Brevipalpus phoenicis
Curculio elephas
Deroceras reticulatum
Helix aspersa
Hypera punctata
Laspeyresia splendana
Lecanium corni
Lecanium coryli
Leucaspis loewi
Obrium cantharinum(?)
Parlatoria zizyphus
Phytomyza rufipes
Pseudococcus gahani
Psylliodes chrysocephala
Pulvinaria vitis
Rhagoletis cerasi
Taeniothrips atratus
Thrips major

FRANCE(?):

Ceratitis capitata

FRENCH WEST AFRICA:

Hellula undalis
Palaeocorynus nigrosignatus
Parlatoria zizyphus
Tyrophagus infestans

GERMANY:

Acalypta brunnea
Aleyrodes lonicerae
Argyresthia conjugella
Arion circumscriptus
Brachyrhinus porcatus
Brevipalpus obovatus
Cepaea nemoralis
Frankliniella intonsa
Gelechia ericetella
Ips combrae
Lampetia equestris
Milax gagates(?)
Phytomyza rufipes

Rhagoletis cerasi
Steneotarsonemus laticeps
Taeniothrips atratus
Taeniothrips dianthi
Taeniothrips ericae
Thrips flavus
Thrips major

GHANA:

Maruca testulalis

GRAND CAYMAN:

Microcerotermes arboreus

GREECE:

Bruchus tristis
Ceratitis capitata
Cryptoblabes gnidiella
Curculio elephas
Ectomyelois ceratoniae
Hypera postica
Laspeyresia splendana
Leucaspis riccae
Parlatoria oleace
Pseudococcus citricus
Ripersiella palastinae
Trogoderma inclusum

GRENADA:

Furcaspis biformis

GUAM:

Achatina fulica
Aonidiella inornata
Ceresium unicolor
Lepidosaphes mcgregori
Pheidole megacephala
Sternochetus mangiferae

GUATEMALA:

Anastrepha ludens
Anastrepha mombinpraeoptans
Aspidiotus mendax
Aspidiotus palmae
Asterolecanium epidendri
Chrysomphalus tenax
Chrysomphalus umboniferus
Deroceras reticulatum
Farinococcus guatemalensis
Furcaspis biformis
Iridomyrmex iniquus
Lepidosaphes tuberculata
Ligyrocoris aurivilliana
Limax marginatus
Nysius raphanus
Paromius longulus
Pseudoparlatoria ostreata
Puto ulter
Stenomoma catenifer
Tenthecoris bicolor
Tenthecoris confusus
Tenthecoris vestitus
Vinsonia stellifera

HAITI:

Anastrepha mombinpraeoptans
Bemisia tabaci
Cylas formicarius elegantulus
Haplothrips gowdeyi
Nezara viridula

HAWAII:

Adoretus sinicus
Anomala orientalis
Araecerus levipennis
Athesapecta cyperi
Bradybaena similis
Caryedon fuscus
Ceratitis capitata
Ceroplastes rubens
Chaetanaphothrips orchidii
Coccus viridis
Conotelus mexicanus
Coptotermes formosanus
Cryptophlebia illepidia

Countries of Origin and Insects—Continued

HAWAII—Continued

Cryptotermes brevis
Cylas formicarius elegantulus
Dacus cucurbitae
Dacus dorsalis
Deroceras reticulatum
Diachus auratus
Dialeurodes kirkaldyi
Diocalandra taitensis
Ectomyelois ceratoniae
Ereunetis flavistriata
Euscapes postfasciatus
Furcaspis biformis
Geotomus pygmaeus
Halticus chrysolepis
Hyalopeplus pellucidus
Lampides boeticus
Lepidosaphes tokionis
Lepidosaphes tuberculata
Leucaspis cockerelli
Listroderes costirostris obliquus
Maruca testulalis
Mimosestes sallaei
Nysius coenosulus
Orchidophilus aterrimus
Oxydema fusiforme
Parlatoria crotonis
Parlatoria zizyphus
Pectinophora gossypiella
Perkinsiella saccharicida
Pheidole megacephala
Pholidoforus advena
Pinnaspis buxi
Pinnaspis caricis
Plusia chalcites
Pseudococcus palmarum
Pulvinaria psidii
Sinoxylon conigerum
Siphanta acuta
Sternochetus mangiferae
Syagrius fulvitaris
Sybra alternans
Taeniothrips hawaiiensis
Trogoderma insulare
Zonitoides arboreus

HONDURAS:

Anastrepha mombinpraeoptans
Chrysomphalus umboniferus
Cosmopolites sordidus
Furcaspis biformis
Metamasius sericeus
Paromius longulus
Plagiodera thymaloidea
Pseudischinaspis alienus
Pseudoparlatoria ostreata
Rhinostomus barbirostris
Tenthecoris vestitus

HONG KONG:

Cylas formicarius formicarius
Fiorinia nephelii
Fulvius brevicornis
Parlatoria zizyphus
Unaspis yanonensis
Aonidiella inornata
Callosobruchus phaseoli
Caryedon fuscus
Chrysomphalus pinnulifera
Coccus capparidis
Cylas formicarius formicarius
Heterobostrychus aequalis
Lyctus africanus
Minthea rugicollis
Sinoxylon anale
Sinoxylon conigerum
Stephanoderes hampei
Trogoderma granarium

INDIA(?):

Nephotettix bipunctatus

INDONESIA:

Aspidiotus palmae
Orchidophilus aterrimus

Parlatoria pseudaspidotus
Phenacaspis dendrobii (tentative)

IRAN:

Lepidosaphes pistaciae
Lepidosaphes pistaciae f. *pistacicola*
Luzulaspis kondarensis
Parlatoria camelliae
Parlatoria oleae

IRELAND:

Argyresthia conjugella
Deroceras reticulatum
Helix aspersa
Lampetia equestris
Oxychilus allarius
Thrips major

ISRAEL:

Acrosternum heegeri
Aspidiotus aharonii
Ceratitis capitata
Ceroplastes rusci
Cryptoblabes gnidiella
Ectomyelois ceratoniae
Pyrausta nubilalis

ITALY:

Acanthoscelides spinipes
Acrolepia assectella
Adleria kollari
Aleurolobus olivinus
Apion carduorum
Argyresthia conjugella
Arion circumscriptus
Bemisia citricola(?)
Brachycerus albidentatus
Brachycerus algerus
Bruchus ervi
Bruchus signaticornis
Bruchus tristis
Ceratitis capitata
Ceroplastes rusci
Ceroplastes sinensis(?)
Cryptoblabes gnidiella
Curculio elephas
Curculio nucum
Dacus oleae
Deloyala guttata
Deroceras reticulatum
Diaspis zamiae
Dyspepsa ulula
Ectomyelois ceratoniae
Eucalymnatus tessellatus
Euleia heraclei(?)
Frankliniella tenuicornis
Hemimene juliana
Hypera nigrirostris
Iridomyrmex humilis
Laspeyresia nigricana
Laspeyresia splendana
Lepidosaphes ficus
Leucaspis riccae
Limax maximus
Lobesia botrana(?)
Lygus gemellatus
Parlatoria oleae
Parlatoria zizyphus
Parmena balteatus
Pentodon punctatus
Phloeotribus scarabaeoides
Prays oleellus
Pseudococcus citricus
Pyrausta nubilalis
Rhagoletis cerasi
Spanioneura fonscolombei
Spermophagus sericeus(?)
Thrips major
Trialeurodes lauri
Trogoderma granarium

JAMAICA:

Anastrepha mombinpraeoptans
Aonidiella citrina
Aonidiella comperei

Countries of Origin and Insects—Continued

JAMAICA—Continued

Aspidiotus destructor
Asterolecanium epidendri
Chrysomphalus odontoglossi
Coccus viridis
Cylas formicarius elegantulus
Faustinus cubae
Furcaspis biformis
Leucaspis cockerelli
Monomorium destructor
Palaeopus costicollis
Parlatoria proteus
Pectinophora gossypiella
Pseudoparlatoria ostreata
Tetranychus cucurbitae
Unaspis citri
Vinsonia stellifera

JAPAN:

Adoretus sinicus
Agrotis exusta
Aleurotrachelus camelliae
Aleurotuberculatus aucubae
Aleurotuberculatus magnoliae
Aleurotuberculatus similis
Aspidiotus cryptomeriae
Aspidiotus degeneratus
Aspidiotus destructor
Aspidiotus excisus
Aspidiotus pseudomeyeri
Aulacaspis latissimus
Barathra brassicae
Bryobia cristata
Callidium rufipenne
Callosobruchus phaseoli
Carposina niponensis
Ceronema japonica(?)
Ceroplastes japonicus
Ceroplastes rubens
Chilo suppressalis
Chrysomphalus bifasciculatus
Deroceras reticulatum
Dichocrocis punctiferalis
Ereunetis simulans
Frankliniella formosae
Gracilaria azaleella
Haplothrips gowdeyi
Icerya seychellarum
Lepidosaphes conchiformis
Lepidosaphes kamakurensis
Lepidosaphes newsteadi
Lepidosaphes pallida
Lepidosaphes tuberculata
Lepidosaphes tubulorum
Limax marginatus
Lyctoxylon japonum
Lyctus africanus
Malacosoma neustria
Maruca testulalis
Morganella longispina
Nipponaclerda biwakoensis
Oligonychus perditus
Parlatoria camelliae
Parlatoria zizyphus
Pentamerismus oregonensis
Phyllocnistis saligna
Piezodorus rubrofasciatus
Pinnaspis buxi
Pinnaspis uniloba
Plusia chalcites
"Poliaspis" pini
Protaetia orientalis
Pseudaonidia clavigera
Pseudaonidia paeoniae
Pseudococcus azaleae
Pseudococcus kraunhiae
Pulvinaria psidii
Pyrausta nubilalis
Stephanitis nashi
Stephanitis pyrioides
Taeniothrips gracilis
Taeniothrips hawaiiensis
Trogoderma parabile(?)
Unaspis yanonensis

JAPAN(?):

Amblycephalus spectrus
Nephotettix apicalis
Prodenia litura

KENYA:

Bostrychoplites cornutus
Lyctus brunneus
Odonaspis ruthae

KOREA:

Chilo suppressalis
Lepidosaphes conchiformis

KWAJALEIN:

Furcaspis oceanica
Pseudococcus palmarum

LEBANON:

Bruchus ervi
Ceratitis capitata
Chrysomphalus inopinatus
Lepidosaphes pistaciae

LIBERIA:

Planococcus hoznyi

LIBYA:

Ceratitis capitata
Theba pisana

MADEIRA ISLANDS:

Chrysomphalus personatus

MARSHALL ISLANDS:

Lepidosaphes esakii

MARTINIQUE:

Leucaspis cockerelli

MEDITERRANEAN REGION:

Theba pisana

MEXICO:

Acalymma trivittata
Acanthoscelides griseolus(?)
Aleurocanthus woglumi
Aleuroglandulus emmae
Aleuroparadoxus gardeniae
Aleuroplatus variegatus
Aleurothrixus floccosus
Amitermes wheeleri
Amphelasma decoratum
Amyssonotum rastratum flexum
Anacranga sofia
Anaphothrips orchidaceus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata(?)
Andrector atrofasciata
Apion griseum
Aspidiotus aesculi (tentative)
Aspidiotus destructor
Aspidiotus palmarum
Aspidiotus popularum (tentative)
Asterolecanium epidendri
Aulacaspis tubularis
Batrachedra linaria
Blissus pulchellus
Bucculatrix thurberiella
Calligrapha labyrinthica
Chilo loftini
Chrysomphalus agavis
Chrysomphalus albopictus
Chrysomphalus personatus
Chrysomphalus sacculata (tentative)
Chrysomphalus sphaerioides
Chrysomphalus tenax
Chrysomphalus tingi
Chrysomphalus umboniferus
Coelonertus nigrirostris
Conotelus mexicanus
Conotrachelus aguacatae

Countries of Origin and Insects—Continued

MEXICO—Continued

Cosmopolites sordidus
Cryphula apicatus
Cylas formicarius elegantulus
Deloyala guttata
Deroceras reticulatum
Diabrotica porracea
Diaspis echinocacti
Dinaspis aculeata
Diorymerellus laevimargo
Dysdercus mimus
Ectomyelois muriscis
Epinotia aporema
Eucalymnatus tessellatus
Eutheola bidentata
Eugeraeus unifasciatus (?)
Eurytoma orchidearum (?)
Euschistus servus
Eutetranychus banksi
Everes comyntas
Exptochiomera albomaculata
Exptochiomera confusa
Exptochiomera oblonga
Farinococcus olivaceus
Ferrisia virgata
Galgupha punctifer
Galgupha quadrisignata
Gnaphalodes trachyderoides
Gnorimoschema gudmannella
Grapholitha packardi
Gymnandrosoma aurantianum
Gymnococcus agavium
Gynaikothryes ficorum
Helix aspersa
Heterotermes convexinotatus
Jadera sanguinolenta
Lapazia obtecta
Lepidosaphes philococcus
Ligyrocoris aurivilliana
Ligyrocoris nitidicollis
Limax marginatus
Lycophotia ornea
Neoleucinodes elegantalis
Neoleucon rubrotylus
Nezara viridula
Oebalus insularis
Oedancala bimaculata
Ogdoecosta catenulata
Opuntiaspis carinata
Orthezia pseudinsignis
Oxygryllus ruginasus
Ozophora concava
Ozophora consanguineus
Pachodynerus nasidens
Pachygrontha oedancalodes
Paragonatus divergens
Parlatoria cinerea
Paromius longulus
Pectinophora gossypiella
Phenacoccus gossypii
Phera centrolineata
Plagiodera semivittata
Plagiodera thymaloides
Platynota rostrana
Procryptotermes hubbardi
Pseudaonidia tesserata
Pseudischnaspis alienus
Pseudischnaspis longissima
Pseudococcus cualatensis
Pseudodiaspis yuccae
Pseudoparlatoria ostreata
Puto mexicanus
Puto ulter
Reticulitermes flavipes
Reticulitermes tibialis
Rhagoletis juglandis
Rhopalosiphum rufiabdominalis
Stator limbatus
Stator pruininus
Stenoma catenifer
Synyrias diffundens
Talponia batesi
"Targionia" bromiliae
Tenthecoris angustimarginatus
Tenthecoris bicolor

Tenthecoris confusus
Tetraleurodes acaciae
Tetraleurodes ursorum
Tetranychus desertorum
Tetranychus lobosus
Texananus spatulatus
Thecla ziba
Thyanta antiguensis
Trialeurodes abutilonea
Trialeurodes similis
Trialeurodes tephrosiae
Trialeurodes variabilis
Trialeurodes vitrinellus
Trogoderma glabrum
Trogoderma granarium
Trogoderma inclusum
Trogoderma parabile
Trogoderma sternale ssp.
Unaspis citri
Zonitoides arboreus

MIDWAY ISLANDS:

Oxydema fusiforme

MONACO:

Tetranychus cinnabarinus

MOROCCO:

Bouhelia maroccana
Gnorimoschema ocellatella
Parlatoria zizyphus
Theba pisana

NEPAL:

Fiorinia theae

NETHERLANDS:

Acrolepia assectella
Adoxophyes orana
Deroceras reticulatum
Dialeurodes chittendeni
Eriophyes canestrinii
Frankliniella intonsa
Gracilaria azaleella
Lampetia equestris
Myzus ascalonicus
Oxychilus allarius
Phytomyza rufipes
Rhopalosiphum crataegellum
Sitona lineata
Taeniothrips atratus
Thrips major
Trogoderma granarium
Tyrophagus infestans

NEW CALEDONIA:

Pseudaonidia darutyi

NEW GUINEA:

Aulacaspis madiuensis
Pinnaspis buxi

NEW ZEALAND:

Lepidosaphes tuberculata
Parlatoria pseudaspidiotus

NICARAGUA:

Aleurocanthus woglumi
Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Chrysomphalus umboniferus
Pseudischnaspis alienus
Pseudischnaspis longissima
Stenoma catenifer

NIGERIA:

Cylas femoralis
Cylas puncticollis
Leucinodes orbonalis

NORTHERN IRELAND:

Lampetia equestris

NORWAY:

Chionaspis salicis

Countries of Origin and Insects—Continued

PALMYRA ISLAND:

Agonoxena argaula
Pheidole megacephala

PANAMA:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Aspidiotus destructor
Asterolecanium epidendri
Azeta versicolor
Brevipalpus phoenicis
Chalcodermus aeneus
Chrysomphalus personatus
Chrysomphalus tenax
Coccus viridis
Deroceras reticulatum
Ectomyelois muriscis
Furcaspis biformis
Leucaspis cockerelli
Nasutitermes corniger
Parlatoria cinerea
Parlatoria pseudaspidotus
Pheidole megacephala
Platynota rostrana
Rhinochenus stigma
Stenoma catenifer
Tenthecoris distinguendus
Trogoderma sternale ssp.
Unaspis citri
Vinsonia stellifera
Zonitoides arboreus

PANAMA(?):

Chrysomphalus umboniferus

PARAGUAY:

Pectinophora gossypiella

PERU:

Coccus viridis
Euscepes postfasciatus
Helix aspersa
Pagiocerus fiorii
Stenoma catenifer
Unaspis citri

PHILIPPINES:

Aclerda yunnanensis
Antonina graminis
Aonidiella inornata
Aspidiotus destructor
Aspidiotus palmae
Aulacaspis mangiferae
Chrysomphalus minutus
Coccus viridis
Cryptophlebia ombrodelta
Cylas formicarius ssp.
Cylas formicarius var.
Cylas formicarius formicarius
Dialeurodes kirkaldyii
Epilachna sparsa (?)
Ferrisia virgata
Laspeyresia splendana
Morganella longispina
Nephotettix bipunctatus
Parlatoria zizyphus
Phyllocnistis citrella
Pseudaonidia curculiginis
Pseudococcus lilacinus
Sternonchetus mangiferae
Stoeberhinus testaceus
Tenuipalpus pacificus

POLAND:

Aceria tulipae
Limothrips denticornis
Phytomyza rufipes

PONAPE:

Pseudococcus pandani
 "Targionia" bromilliae

PORTUGAL:

Aonidiella lauretorum
Aspidiotus degeneratus
Brevipalpus obovatus
Bruchus guttalis (?)
Caryedon fuscus
Cenopalpus pulcher
Ceratitis capitata
Curculio elephas
Diaspis zamiae
Dicyphus errans
Epidiaspis piricola
Glycyphagus ornatus
Iridomyrmex humilis
Laspeyresia splendana
Leucaspis pusilla
Lineaspis striata
Opogona subcervinella
Parlatoria camelliae
Pulvinaria floccifera
Rhagoletis cerasi
Targionia laurina
Thrips angusticeps
Trogoderma granarium

PORTUGAL(?):

Chilo suppressalis

PUERTO RICO:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Coccus viridis
Cylas formicarius elegantulus
Diaprepes abbreviatus
Euscepes postfasciatus
Fundella pellucens
Lechriops psidii
Maruca testulalis
Nasutitermes costalis
Nezara viridula
Pachyzancla bipunctalis (?)
Pachyzancla periusalis
Pulvinaria urticae (tentative)
Selenothrips rubrocinctus
Trionymus sacchari

RHODESIA:

Caryedon fuscus (?)

ST. KITTS:

Ancylostomia stercorea
 "Targionia" hartii

ST. LUCIA:

Aspidiotus palmae

SCOTLAND:

Frauenfeldiella jelinekii
Gelechia ericetella
Micrelus ericae
Pseudococcus gahani
Scolopostethus decoratus
Taeniothrips atratus
Taeniothrips ericae
Thrips major

SIERRA LEONE:

Cylas puncticollis

SINGAPORE:

Aspidiotus destructor
Cylas formicarius formicarius
Furcaspis biformis
Parlatoria zizyphus
Phenacaspis dendrobii (tentative)

SOUTH PACIFIC:

Pachybrachius nigriceps
Parlatoria zizyphus

SPAIN:

Brachycerus algerus
Ceratitis capitata
Chionaspis salicis

Countries of Origin and Insects—Continued

SPAIN—Continued

Cyptoblabe gnidiella
Curculio elephas
Dacus oleae
Dyspessa ulula
Gnorimoschema ocellatella
Laspeyresia splendana
Parlatoria zizyphus
Rhagoletis cerasi
Theba pisana

SUMATRA:

Bruchus luteicornis

SWEDEN:

Argyresthia conjugella
Blastophagus piniperda
Chionaspis salicis
Myzus ascalonicus
Phytomyza rufipes
Pityogenes chalcographus

SWEDEN(?):

Aspidiotus abietis

SWITZERLAND:

Hylurgops palliatus
Parlatoria camelliae
Rhagoletis cerasi
Stenoptilia stigmatodactyla
Taeniothrips picipes

TAHITI:

Aspidiotus destructor
Morganella longispina
Parlatoria cinerea

TANGANYIKA:

Antonina graminis

THAILAND:

Cylas formicarius ssp.
Cylas formicarius formicarius
Parlatoria citri
Parlatoria zizyphus
Phenacoccus hirsutus

TORTOLA:

Ancylostomia stercorea
Haplothrips gowdeyi

TRINIDAD:

Aganactesis indecora
Anastrepha mombinpraeoptans(?)
Asterolecanium miliaris miliaris
Coccus viridis
Ectomyelois ceratoniae
Furcaspis biformis
Neodryocoetes guianae
Parlatoria cinerea
Pentalonia nigronervosa
Protopulvinaria pyriformis
Pseudaonidia trilobitiformis
Stenoma decora
Vinsonia stellifera

TUNISIA:

Ceratitis capitata
Parlatoria zizyphus

TURKEY:

Curculio elephas

UNION OF SOUTH AFRICA:

Callosobruchus phaseoli
Cenaeus pectoralis
Ceratitis capitata(?)
Epichorista ionephela
Frankliniella schultzei
Iridomyrmex humilis
Ischnodemus diplopterus
Olethreutes leucotreta
Phlyctinus callosus
Pseudothrips glaucus(?)
Raglius apicalis
Trogoderma granarium

UNKNOWN:

Acrolepia assectella
Adoretus sinicus
Argyresthia conjugella
Bruchus tristis
Cylas formicarius formicarius
Dacus dorsalis
Dacus oleae(?)
Ectomyelois ceratoniae
Eurytoma plotnikovi
Metamasius sericeus
Parlatoria cinerea
Parlatoria zizyphus
Rhagoletis cerasi
Taeniothrips atratus
Trionymus lounsburyi
Trogoderma granarium
Trogoderma parabile
Unaspis yanonensis

VENEZUELA:

Aganactesis indecora
Asterolecanium bambusae
Asterolecanium epidendri
Asterolecanium miliaris miliaris
Chrysomphalus personatus
Chrysomphalus propeus (as defined by McKenzie)
Cryptoblabe gnidiella
Deroceus reticulatus
Ectomyelois muriscis
Furcaspis biformis
Noropsis hieroglyphica
Phelomerus aberrans
Pseudischneaspis alienus
Rupela tinctella
Stenoma catenifer

VIETNAM:

Sternochetus mangiferae

WEST PACIFIC:

Euxoa spinifera
Lethocerus indicus
Prodenia litura

YUGOSLAVIA:

Ectomyelois ceratoniae
Frankliniella intonsa
Pyrausta nubilalis

Pests Collected and Reported From July 1, 1957, Through June 30, 1958

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Allantonectria miltina</i> (Mont.) Weese: <i>Agave</i> sp.	Mexico			1	Ariz.
<i>Alternaria citri</i> Ell. & Pierce: <i>Citrus limon</i> (lemon)	Italy		1		Calif.*
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall: <i>Dianthus</i> sp.	England			1	Mass.
<i>Aphelenchoides fragariae</i> (Ritzema Bos) Christie(?): <i>Bletilla hyacinthina</i> (orchid)	†Japan, Netherlands			2	N.J.
† <i>Ascochyta cucumis</i> Fautr. & Roum.(?): <i>Secchium edule</i> (chayote)	Mexico	1			Ariz.
<i>Ascochyta pisi</i> Lib.: <i>Pisum sativum</i> (pea)	Italy, Japan, †Portugal	1	2		N.Y., Wash.
† <i>Aspergillus mangini</i> (Mangin) Thom & Raper: <i>Oryza sativa</i> (rice)	Portugal	1			P.R.
<i>Asperisporium caricae</i> (Speg.) Maubl.: <i>Carica papaya</i> (papaya)	Brazil, Mexico	3			P.R., Tex.
† <i>Asterinella epidendri</i> (Rehm) Theiss.: <i>Epidendrum</i> sp. (orchid)	Mexico			1	Tex.
<i>Botryosphaeria berengeriana</i> de N. var. <i>araucariae</i> Sacc.: <i>Araucaria araucana</i>	Italy			1	N.J.
† <i>Botryosphaeria palmigena</i> (Berk. & Cke.) Bomm. & Rous.: <i>Chamaedorea</i> sp.	Mexico			1	Tex.
<i>Botryosphaeria ribis</i> Gross. & Dug.: <i>Delonix regia</i> (royal poinciana)	Unknown	1			N.Y.
<i>Botrytis gladiolorum</i> Timmerm.: <i>Gladiolus</i> sp.	Japan, Mexico, Netherlands, †Venezuela.	2		28	Calif., Calif.*, N.J., N.Y.
<i>Ceratocystis narcissii</i> (Limber) J. Hunt: <i>Narcissus</i> sp.	England, Germany, New Zealand.			6	N.J.
<i>Cercospora angraeci</i> Feuill. & Roum.: <i>Epidendrum ciliare</i> (orchid)	Mexico			1	Tex.
<i>Odontoglossum hallii</i> (orchid)	do			1	Tex.
<i>Oncidium lamelligerum</i> (orchid)	†Ecuador			1	Calif.*
Orchid	Mexico			1	Tex.
<i>Cercospora canescens</i> Ell. & G. Martin: <i>Phaseolus vulgaris</i> var. (string bean)	Puerto Rico	1			P.R.
<i>Cercospora coffeicola</i> Berk. & Cke.: <i>Coffea</i> sp. (coffee)	Brazil, †El Salvador	1		1	La., Tex.
† <i>Cercospora columnaris</i> Ell. & Ev.: <i>Phaseolus vulgaris</i>	Puerto Rico	1			P.R.
† <i>Cercospora cyripedii</i> Ell. & Dearn.: <i>Sobralia xantholeuca</i> (orchid)	Guatemala			1	Tex.
<i>Cercospora gossypina</i> Cke.: <i>Gossypium</i> sp. (cotton)	Mexico	1			Tex.
<i>Cercospora handelii</i> Bub.: <i>Rhododendron</i> sp.	Netherlands			9	N.J., N.Y.
<i>Cercospora insulana</i> Sacc.: <i>Armeria</i> sp. (statice)	Mexico, †Peru	2			Fla., Tex.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisiaca sapientum</i> (banana)	Panama	1			S.C.
<i>Cercospora neriella</i> Sacc.: <i>Nerium oleander</i> (oleander)	Bermuda			1	Va.
† <i>Cercospora odontoglossi</i> Prill. & Delac.: <i>Oncidioda</i> sp. (orchid)	Mexico			1	Tex.
† <i>Cercospora puderi</i> B. H. Davis: <i>Rosa</i> sp.	do	1			Tex.
<i>Cercospora purpurea</i> Cke.: <i>Persea americana</i> (avocado)	do	1			Tex.
<i>Cerebella andropogonis</i> Ces.: <i>Paspalum dilatatum</i> (Dallis grass)	Australia, New Zealand			2	Ill., S.C.
† <i>Cerotelium fici</i> (Butl.) Arth.: <i>Ficus carica</i> (fig)	Ecuador	1			Fla.
† <i>Chalaropsis thielaviopsis</i> Peyronel: <i>Astilbe</i> sp.	Netherlands			1	N.J.
<i>Chlamydomyces palmarum</i> (Cke.) Mason: <i>Oryza sativa</i> (rice)	Japan		1		Calif.*

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Chrysomyxa ledi</i> d By. var. <i>rhododendri</i> (d By.) Savile:					
<i>Rhododendron ferrugineum</i> (rock rhododendron).	Switzerland.....	25	---	1	N.J., N.Y., Wash.
<i>Rhododendron hirsutum</i> (garland rhododendron).	Austria, Switzerland.....	2	---	---	N.J.
<i>Rhododendron pemakoense</i>	†Canada.....	---	---	1	Wash.
<i>Rhododendron</i> 'Racil'.....	do.....	---	---	1	Wash.
<i>Rhododendron radicans</i> (rockmantle rhododendron).	do.....	---	---	1	Wash.
<i>Rhododendron</i> 'Tessa'.....	do.....	---	---	1	Wash.
<i>Rhododendron</i> sp.....	Germany, Switzerland.....	5	---	5	Calif.,* D.C., Ill., N.J., N.Y., Va.
<i>Chrysomyxa ledicola</i> Laghr.:					
<i>Picea mariana</i> (black spruce).....	Canada.....	---	---	1	N.J.
<i>Cladosporium orchidearum</i> Cke. & Mass.:					
<i>Cattleya citrina</i> (orchid).....	Mexico.....	---	---	1	Tex.
† <i>Coleosporium asterum</i> (Diet.) Syd.:					
<i>Callistephus chinensis</i> (China-aster).....	Cuba.....	1	---	---	Fla.
<i>Coleosporium ipomoeae</i> (Schw.) Burr.:					
<i>Ipomoea</i> sp.....	Mexico.....	1	---	---	Tex.
† <i>Colletotrichum crassipes</i> (Speg.) Arx:					
<i>Crataegus</i> sp.....	El Salvador.....	1	---	---	Tex.
<i>Colletotrichum dematium</i> (Fr.) Grove:					
<i>Capsicum frutescens</i> (pepper).....	Mexico, Union of South Africa.....	2	---	---	N.Y., Tex.
<i>Hedera helix</i> (ivy).....	England.....	---	1	---	Mass.
<i>Hedera</i> sp.....	do.....	---	1	1	Mass., N.Y.
<i>Rheum rhaponticum</i> (rhubarb).....	Canada.....	---	---	1	N.Y.
<i>Colletotrichum dematium</i> (Fr.) Grove f. <i>circinans</i> (Berk.) Arx:					
<i>Allium porrum</i> (leek).....	†Japan.....	---	1	---	Calif.*
<i>Colletotrichum graminicola</i> (Ces.) G. W. Wils.:					
<i>Arundinaria</i> sp.....	†Portugal.....	---	---	1	D.C.
<i>Brachypodium</i> sp.....	Italy.....	---	---	1	D.C.
Straw—cereal.....	Portugal.....	1	---	---	S.C.
<i>Triticum aestivum</i> (wheat).....	do.....	1	---	---	N.Y.
<i>Colletotrichum musae</i> (Berk. & Curt.) Arx:					
<i>Musa paradisiaca sapientum</i> (banana).....	Brazil.....	1	---	---	P.R.
† <i>Coniothecium agaves</i> Petr.:					
<i>Agave</i> sp.....	Mexico.....	---	---	1	Tex.
<i>Coniothecium scabrum</i> McAlp.:					
<i>Citrus limon</i> (lemon).....	Italy.....	1	---	---	N.Y.
<i>Coniothyrium cytisellum</i> (Pass. & Thuem.) Sacc.:					
<i>Laburnum watereri</i> (waterer laburnum).....	Netherlands.....	---	---	3	N.J.
† <i>Coniothyrium diplodiella</i> (Speg.) Sacc.:					
<i>Vitis</i> sp. (grape).....	Denmark.....	---	---	1	Calif.*
† <i>Coniothyrium globulisorum</i> Speg.:					
Cactus plants.....	Mexico.....	---	---	1	Tex.
<i>Coniothyrium hellebori</i> Cke. & Mass.:					
<i>Helleborus niger</i> (Christmas-rose).....	Germany, Italy, Netherlands.....	---	---	3	N.J., N.Y., Pa.
<i>Helleborus</i> sp.....	Netherlands.....	---	---	1	N.Y.
† <i>Coniothyrium socium</i> Pass. & Beltr.(?):					
Palm.....	Mexico.....	1	---	---	Mass.
† <i>Coniothyrium stanhopeae</i> P. Henn.:					
<i>Stanhopea bucephalus</i> (orchid).....	Canal Zone.....	---	---	1	Fla.
<i>Corynespora casiicola</i> (Berk. & Curt.) Wei:					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	---	1	---	La.
† <i>Coryneum carpophilum</i> (Lev.) Jauch:					
<i>Prunus tenella</i>	Canada.....	---	---	1	N.J.
<i>Criconeimoides xenoplax</i> Raski:					
<i>Juniperus</i> sp.....	Japan.....	---	---	1	Wash.
<i>Cryptospora longispora</i> Servazzi:					
<i>Araucaria excelsa</i> (Norfolk-Island-pine).....	Australia, Norfolk Island.....	---	---	12	Calif.,* D.C., Fla., N.J.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Cumminsella mirabilissima</i> (Pk.) Nannf.: <i>Mahonia</i> sp.	England(?)		1		Mass.
† <i>Curvularia geniculata</i> (Tracy & Earle) Boed.: <i>Areca cathecu</i> (betel palm)	Pakistan	1			D.C.
<i>Curvularia lunata</i> (Wakk.) Boed.: <i>Capsicum frutescens longum</i> (chili pepper)	Mexico	1			Tex.
† <i>Cylindrocarpon radicola</i> Wr.: <i>Cotinus coggygia</i>	Netherlands			1	N.J.
† <i>Cytospora chrysosperma</i> Fr.: <i>Populus</i> sp.	Canada			1	Wash.
† <i>Dendrophoma cytosporoides</i> Sacc. var. <i>punicina</i> Sacc.: <i>Punica granatum</i> (pomegranate)	Spain	1			N.Y.
† <i>Diaporthe arctii</i> (Lasch) Nits.: <i>Cocos nucifera</i> (coconut)	Christmas Island	1			Hawaii
† <i>Diaporthe eres</i> Nits.: <i>Ilex</i> sp.	England			1	D.C.
† <i>Diaporthe oncostoma</i> (d By.) Fekl.: <i>Parkinsonia aculeata</i>	Uruguay			1	Calif.*
<i>Didymellina ornithogali</i> Jacques: <i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	2			Mass.
<i>Diplodia circinans</i> Berk. & Br.: <i>Yucca</i> sp.	Mexico			1	Ariz.
<i>Diplodia coccocarpa</i> Sacc.: <i>Cocos nucifera</i> (coconut)	†Canal Zone, Hawaii, Mexico.	4			Calif.*
<i>Diplodina eurhododendri</i> Voss: <i>Rhododendron</i> sp.	Netherlands			1	N.Y.
<i>Diplodina leucothoes</i> (P. Henn.) Died.: <i>Leucothoe catesbaei</i>	do			1	N.J.
<i>Discohainesia oenotherae</i> (Cke. & Ell.) Nannf.: <i>Bergenia cordifolia</i>	do			1	N.J.
<i>Paeonia suffruticosa</i> (tree peony)	Japan			1	N.J.
<i>Paeonia</i> sp.	Japan, Netherlands			2	N.J., Pa.
<i>Rhododendron ferrugineum</i> (rock rhododendron).	Switzerland			1	N.J.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.: <i>Allium sativum</i> (garlic)	Mexico	2			Ariz.
<i>Iris</i> sp.	Netherlands			1	Pa.
<i>Narcissus</i> sp.	England, Scotland			9	N.J.
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (lime)	Unknown		1		Calif.*
<i>Citrus limon</i> (lemon)	Argentina, Brazil, unknown.	4	4		Calif.,* Fla., Mass., N.Y.
<i>Citrus paradisi</i> (grapefruit)	Brazil		3		Calif.,* Pa., Tex.
<i>Citrus reticulata</i> (Mandarin orange)	do	1			N.Y.
<i>Citrus sinensis</i> (orange)	Argentina, Brazil, unknown.	2	36		Fla., La., Md., Mass., N.Y., Pa., S.C., Tex.
<i>Elsinoe mangiferae</i> Bitanc. & Jenkins: <i>Mangifera indica</i> (mango)	Cuba, †Guatemala, Honduras, unknown.	8	1		N.Y.
<i>Elsinoe phaseoli</i> Jenkins: <i>Phaseolus lunatus</i> (civet bean)	Puerto Rico	1			Ill.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	do	2			Ill.
<i>Entyloma oryzae</i> Syd. & P. Syd.: <i>Oryza sativa</i> (rice)	Japan		5		Calif.*
<i>Exobasidium vaccinii</i> (Fekl.) Wor.: <i>Rhododendron indicum</i>	Belgium			1	N.Y.
<i>Fusarium oxysporum</i> Schlecht. f. <i>gladioli</i> (Massey) Snyder & Hans.: <i>Freesia</i> sp.	England			1	N.Y.
<i>Gladiolus</i> sp.	Mexico			1	Calif.
<i>Fusicoccum galericulatum</i> (Tul.) Sacc.: <i>Fagus sylvatica</i> (European beech)	Netherlands			1	N.J.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Geotrichum candidum</i> Lk.: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Ariz.
† <i>Gottholdsteineria goodeyi</i> (Loof & Oostenbrink) Andrassy: Soil with unknown plants.....	Ireland.....			1	Mass.
"Greasy spot": <i>Citrus reticulata</i> (Mandarin orange).....	Mexico.....	1			Tex.
<i>Citrus sinensis</i> (orange).....	do.....	1			Tex.
† <i>Griphosphaeria corticola</i> (Fekl.) Hoehn.: <i>Rosa</i> sp.....	Germany.....			1	N.Y.
<i>Guignardia traversi</i> (Cav.) Lind.: <i>Stanhopea</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Gymnosporangium haraeum</i> Syd.: <i>Juniperus chinensis</i> (Chinese juniper).....	Japan.....			3	Calif.*
† <i>Helicotylenchus erythrinae</i> (Zimmerman) Golden: Soil with garlic.....	Ireland.....			1	Mass.
Soil with unknown plants.....	Mexico.....			1	Tex.
† <i>Helicotylenchus multicinctus</i> (Cobb) Golden: Soil with roots of banana plants.....	Cuba.....			1	Fla.
<i>Helicotylenchus nannus</i> Steiner: Soil with begonia plants.....	Mexico.....			2	Ariz.
Soil with carnation plants.....	do.....			1	Tex.
Soil with coleus plants.....	do.....			1	Ariz.
Soil with herbaceous plant.....	do.....			1	Tex.
Soil with mint plant.....	do.....			1	Tex.
Soil with unknown plants.....	do.....			3	Ariz., Tex.
Soil with unknown roots.....	Netherlands.....			1	Fla.
<i>Hendersonia opuntiae</i> Ell. & Ev.: <i>Pachycereus marginatus</i> (organpipe cactus).....	Mexico.....			1	Ariz.
† <i>Hendersonia oryzae</i> Miyake: <i>Oryza sativa</i> (rice).....	India.....	1			Calif.*
<i>Hendersonia piriformis</i> Otth.: <i>Fagus sylvatica</i> (European beech).....	Netherlands.....			2	N.J.
<i>Heterodera avenae</i> Eidam: Soil.....	†Czechoslovakia.....	1			N.Y.
Soil with automobiles.....	England, Europe (country(?)), Germany.....	4			Fla., Md., Wash.
Soil with carnation plants.....	Germany.....			1	N.Y.
Soil with cypress and juniper plants.....	England.....			1	N.J.
Soil with dahlia roots.....	do.....			1	N.J.
Soil with garlic.....	Italy.....	2			N.Y.
Soil with onions.....	Spain.....	2			N.Y.
Soil with <i>Ornithogalum saundersiae</i>	Israel.....			1	N.Y.
Soil with potatoes.....	England.....		1		Tex.
Soil with primrose plant.....	do.....			1	N.Y.
Soil with spruce seedlings.....	Germany.....			1	N.J.
Soil with unknown plants.....	Germany, Italy.....			2	N.Y.
<i>Heterodera cacti</i> Filip. & Schurr. Stek.: Soil.....	Mexico.....	3		1	Ariz., Tex.
Soil with acacia plant.....	do.....			1	Ariz.
Soil with <i>Aloe gasterioides</i> plants.....	do.....			1	Tex.
Soil with aloe plant.....	do.....			1	Tex.
Soil with amaryllis bulbs.....	do.....	1			Ariz.
Soil with avocado and begonia plants.....	do.....			1	Tex.
Soil with begonia plants.....	do.....			2	Tex.
Soil with begonia and portulaca cuttings.....	do.....			1	Ariz.
Soil with bougainvillea plants.....	do.....			2	Ariz., Tex.
Soil with bromeliad.....	do.....			1	Tex.
Soil with <i>Bryophyllum</i> sp. plants.....	do.....	1		1	Fla., Tex.
Soil with bulbs.....	do.....			1	Tex.
Soil with cactus plants.....	England, Mexico, †Venezuela.....	1	1	43	Ala., N.Y., Pa., Tex.
Soil with cactus and ground-moss plants.....	Mexico.....			1	Tex.
Soil with cactus and succulent plants.....	do.....			1	Tex.
Soil with caladium plants.....	Mexico, †Trinidad.....			3	Ariz., Va.
Soil with carnation plant.....	Mexico.....			1	Tex.
Soil with <i>Cereus</i> sp., portulaca, and spiderwort plants.....	do.....			1	Tex.
Soil with coleus plants.....	do.....			1	Ariz.
Soil with cuttings.....	do.....			1	Tex.
Soil with empty trailer.....	do.....		1		Tex.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Heterodera cacti</i> Filip. & Schurr. Stek.—Con.					
Soil with fern plants.....	Mexico.....	1		3	Ariz., Tex.
Soil with feverfew roots.....	do.....	1			Tex.
Soil with garlic.....	Argentina, Mexico.....	20			N.Y., Pa., Tex.
Soil with geranium plants.....	Mexico.....		1	2	Tex.
Soil with gladiolus corms.....	do.....			1	Tex.
Soil with herbaceous plants.....	do.....	1		1	Tex.
Soil with herbaceous and mint plants.....	do.....			1	Tex.
Soil with India rubber tree.....	do.....			1	Tex.
Soil with ivy plant.....	do.....			1	Tex.
Soil with leaf mold.....	do.....			1	Tex.
Soil with lilac plant.....	do.....			1	Tex.
Soil with mint plants.....	do.....	1		2	Ariz., Calif., Tex.
Soil with narcissus bulbs.....	Japan.....			1	N.Y.
Soil with orange lycoris bulbs.....	do.....			1	N.Y.
Soil with oxalis plants.....	Mexico.....	1			Tex.
Soil with palm plant.....	do.....			2	Ariz., Tex.
Soil with pampas grass plants.....	do.....			1	Tex.
Soil with pansy plants.....	do.....			1	Ariz.
Soil with passion vine plants.....	do.....			1	Ariz.
Soil with peperomia and sprenger asparagus plants.....	do.....			1	Tex.
Soil with petunia plant.....	do.....			1	Ariz.
Soil with poinsettia plants.....	do.....	1			Tex.
Soil with portulaca plants.....	do.....	1		4	Tex.
Soil with potatoes.....	do.....	1	8		Tex.
Soil with pothos (?) plant.....	do.....			1	Tex.
Soil with railway car.....	do.....		3		Tex.
Soil with rosa-de-montana plant.....	do.....			1	Tex.
Soil with rue plant.....	do.....			1	Tex.
Soil with <i>Sedum</i> sp. plant.....	do.....			1	Tex.
Soil with selaginella plants.....	do.....			1	Tex.
Soil with spearmint plants.....	do.....	1			Tex.
Soil with spiderwort plants.....	do.....			1	Ariz.
Soil with succulent plants.....	do.....			6	Tex.
Soil with taro plant.....	do.....			1	Tex.
Soil with tree stump.....	do.....	1			Tex.
Soil with tuberose bulbs.....	do.....			2	Ariz., Tex.
Soil with unknown plants.....	do.....			34	Ariz., Tex.
Soil with wandering-jew plant.....	do.....	1			Tex.
Soil with yarrow plants.....	do.....			1	Tex.
<i>Heterodera humuli</i> Filip.:					
Soil with hop roots.....	England, †Germany.....			2	N.J.
<i>Heterodera punctata</i> Thorne:					
Soil with Araceae root.....	England.....			1	Fla.
Soil with automobiles.....	Belgium, England, Europe (country(?)), Germany.....	9			Fla., Mass., N.Y., Tex., Wash.
Soil with cypress and juniper plants.....	England.....			2	N.J.
Soil with dahlia roots and gladiolus corms.....	France.....			1	N.Y.
Soil with fuchsia, gardenia, and geranium roots.....	England.....			1	N.J.
Soil with gardenia plants.....	Germany.....			1	N.J.
Soil with grass sod.....	Unknown.....			1	N.Y.
Soil with leeks.....	Netherlands.....		1		Md.
Soil with potatoes.....	England, Mexico.....		4	1	N.Y., Tex.
Soil with primrose plant.....	England.....			1	N.Y.
Soil with rubber plants.....	Mexico.....			1	Tex.
Soil with sweetpotatoes.....	do.....	1			Ariz.
Soil with track shoes.....	Ireland.....	1			N.Y.
Soil with tuberous begonia.....	Mexico.....			2	Ariz.
Soil with unknown plants.....	Germany, Mexico.....			3	N.Y., Tex.
<i>Heterodera rostochiensis</i> Wr.:					
Soil with acacia plant.....	Mexico.....			1	Ariz.
Soil with agave plants.....	do.....			1	Tex.
Soil with automobiles.....	Germany.....	5			Ala., La., Tex., Wash.
Soil with beets.....	England, Germany.....		2		Tex., Wash.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	County of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Heterodera rostochiensis</i> Wr.—Con.					
Soil with bromelia plants, lily bulbs, and mint plants.	Mexico.....			1	Tex.
Soil with cactus plant.....	Scotland.....			1	Mass.
Soil with carnation and geranium plants.....	Mexico.....			1	Tex.
Soil with carrot root.....	Denmark.....		1		Tex.
Soil with cypress and juniper plants.....	England.....			1	N.J.
Soil with dahlia roots.....	England, Scotland.....			4	Ill., Mass., N.J.
Soil with fern plant.....	Mexico.....			1	Ariz.
Soil with geranium plant.....	do.....			1	Tex.
Soil with grass sod.....	British Isles.....			1	N.Y.
Soil with heather plant.....	Scotland.....			1	N.J.
Soil with horseradish.....	Germany.....		3		Md., Va.
Soil with lavender and mint plants.....	England.....			1	N.Y.
Soil with lily bulbs.....	Mexico.....			1	Tex.
Soil with parsnip root.....	England.....		1		Tex.
Soil with potatoes.....	Argentina, England, Ireland, †Malta, Peru, Sweden.	3	7	1	Calif.,* Fla., Ill., La., Md., Mass., N.Y.
Soil with primrose plants.....	Scotland.....			1	Mass.
Soil with shamrock plants.....	Ireland.....	1		1	Calif.,* N.Y.
Soil with strawberry plant.....	Scotland.....			1	D.C.
Soil with unknown plants.....	Ireland, Mexico.....			4	Mass., Tex.
Soil with zephyrlily plants.....	Mexico.....			1	Tex.
<i>Heterosporium iridis</i> (Faut. & Roum.) Jacques:					
<i>Iris germanica</i> (German iris).....	New Zealand.....			1	Calif.*
<i>Heterosporium ornithogali</i> (Klotzsch) Cke.:					
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	2			Ga., N.J.
<i>Lembosia rolfsii</i> Horne:					
<i>Miltonia endresii</i> (orchid).....	Costa Rica.....			1	Hawaii.
"Leprosis":					
<i>Citrus sinensis</i> (orange).....	Mexico.....	3			Ariz., Tex.
† <i>Leptosphaeria eustomoides</i> Sacc.:					
<i>Triticum</i> sp.....	Belgium, Japan.....	1	4		Calif.*
† <i>Leptosphaeria michotii</i> (West.) Sacc.:					
<i>Oryza sativa</i> (rice).....	Japan.....		1		Calif.*
<i>Leptosphaeria oryzina</i> Sacc.:					
<i>Oryza sativa</i> (rice).....	do.....	4	19		Calif.*
<i>Leptosphaeria rusci</i> (Wallr.) Sacc.:					
<i>Ruscus</i> sp.....	Italy.....	10	5		Pa.
<i>Macrophoma araucariae</i> De Lac.:					
<i>Araucaria cunninghamii</i>	†New Guinea.....			1	Calif.*
<i>Araucaria excelsa</i> (Norfolk-Island-pine).....	Australia, Bermuda, Norfolk Island.			5	Calif.*
<i>Macrophoma cocos</i> Pass.:					
<i>Cocos nucifera</i> (coconut).....	†American Samoa, †Guam, Hawaii, †Japan, Mexico.	11		1	Calif.*
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa paradisiaca sapientum</i> (banana).....	Hawaii, unknown.....	1	1		Calif.*
<i>Musa</i> sp.....	Costa Rica.....	1			Calif.*
† <i>Melampsora paradoxa</i> Diet. & Holw.(?):					
<i>Salix</i> sp. (willow).....	Mexico.....	1			Ariz.
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Begonia</i> sp.....	Mexico, †New Guinea.....			2	Calif.,* Tex.
<i>Berberis thunbergii</i> (Japanese barberry).....	Japan.....			1	Calif.*
Cactus.....	Mexico.....			1	Tex.
<i>Caladium 'Candidum'</i>	Guatemala.....			3	N.J.
<i>Caladium</i> sp.....	Japan, Mexico.....			2	Calif.,* Tex.
<i>Calathea</i> sp.....	Mexico.....			1	Tex.
<i>Colocasia</i> sp.....	do.....			1	Tex.
<i>Dahlia</i> sp.....	Japan.....			2	Calif.*
<i>Freesia</i> sp.....	do.....			1	N.Y.
<i>Gladiolus gandavensis</i>	do.....			1	Calif.*
<i>Gladiolus</i> sp.....	do.....			15	Calif.,* N.Y.
<i>Iris kaempferi</i> (Japanese iris).....	do.....			1	N.J.
<i>Maranta</i> sp.....	Mexico.....			1	Tex.
<i>Solanum tuberosum</i> (potato).....	Argentina.....		1		Pa.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Meloidogyne arenaria</i> (Neal) [°] Chitwood—Con.					
<i>Zantedeschia aethiopica</i> (calla lily)-----	Japan-----			1	N.J.
<i>Zingiber officinale</i> (ginger)-----	Canal Zone-----			1	Fla.
<i>Zingiber</i> sp-----	Mexico-----			1	Tex.
<i>Meloidogyne hapla</i> Chitwood:					
<i>Apium graveolens</i> (celery)-----	England-----		2		Pa.
<i>Dahlia</i> sp-----	Australia, Japan-----			3	Calif.*
<i>Geranium endressi</i> -----	England, Netherlands-----			2	N.J., N.Y.
<i>Oreocharis primuloides</i> -----	Canada-----			1	N.J.
<i>Paeonia mlokosewitschii</i> -----	England-----			1	N.J.
<i>Paeonia suffruticosa</i> (tree peony)-----	Japan-----			1	N.J.
<i>Pastinaca sativa</i> (parsnip)-----	Germany-----		1		Va.
<i>Rosa multiflora</i> (Japanese rose)-----	Netherlands-----			1	N.J.
Soil-----	Mexico-----	1			Ariz.
<i>Weigela hortensis</i> 'Manelys'-----	Netherlands-----			1	N.J.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Apium graveolens</i> (celery)-----	†Singapore-----		1		Mass.
<i>Beta vulgaris</i> (beet)-----	Mexico, West Africa-----	8	1		La., Tex.
<i>Brassica rapa</i> (turnip)-----	Mexico-----	2			Tex.
<i>Daucus carota</i> (carrot)-----	do-----	2			Tex.
<i>Ipomoea batatas</i> (sweetpotato)-----	Peru-----		1		La.
<i>Kleinia cylindrica</i> -----	Union of South Africa-----			1	Calif.*
<i>Lactuca sativa</i> (lettuce)-----	French West Africa-----		1		Mass.
<i>Polianthes</i> sp-----	Canal Zone-----			1	Tex.
Soil with portulaca plants-----	Mexico-----			1	Ariz.
<i>Solanum tuberosum</i> (potato)-----	Argentina, Bermuda, Italy, Peru-----	1	3		La., Mass.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood(?):					
<i>Polianthes tuberosa</i> (tuberose)-----	Israel-----			1	N.Y.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood acrita Chitwood:					
<i>Agapanthus</i> sp-----	Japan-----			1	Hawaii.
<i>Aloe</i> sp-----	Mexico-----			1	Tex.
<i>Apium graveolens</i> (celery)-----	†Colombia-----		1		Tex.
<i>Artocarpus</i> sp-----	Cuba-----			1	Fla.
<i>Canna</i> sp-----	Mexico-----			1	Tex.
<i>Cichorium</i> sp-----	French West Africa-----		1		Mass.
<i>Echeveria gibbiflora metallica</i> -----	Brazil-----			1	D.C.
<i>Epimedium</i> spp-----	†England-----			1	N.J.
<i>Gladiolus</i> sp-----	Japan-----			3	Calif.*
<i>Iris kaempferi</i> (Japanese iris)-----	Japan-----			1	N.J.
<i>Jasminum nudiflorum</i> -----	do-----			1	Calif.*
<i>Lactuca sativa</i> (lettuce)-----	French West Africa, †Trinidad-----		2		Mass.
<i>Lilium</i> sp. (lily)-----	Cuba-----			1	Fla.
<i>Monstera deliciosa</i> -----	Mexico-----			1	Tex.
<i>Ophiopogon japonica</i> (dwarf lilyturf)-----	Brazil-----			1	D.C.
<i>Rhapis</i> sp-----	Mexico-----			1	Tex.
<i>Sansevieria laurentii</i> -----	do-----			1	Tex.
Soil with <i>Anemopsis californica</i> (?) plant-----	do-----			1	Ariz.
<i>Solanum tuberosum</i> (potato)-----	Brazil, †India-----		3		Pa.
Unknown plant-----	Brazil-----			1	D.C.
<i>Zantedeschia elliottiana</i> (golden calla lily)-----	Japan-----			1	N.J.
<i>Meloidogyne javanica</i> (Treib.) Chitwood:					
<i>Aloe schelpii</i> -----	†Kenya-----			1	Calif.*
<i>Begonia</i> sp-----	Mexico-----			1	Tex.
Cactus-----	do-----			1	Tex.
<i>Cichorium</i> sp-----	†French West Africa-----		1		Mass.
<i>Colocasia esculenta</i> (dasheen)-----	Cuba-----	1			Fla.
<i>Dahlia</i> sp-----	Australia-----			1	Calif.*
<i>Daucus carota</i> (carrot)-----	†Fiji Islands-----		1		Md.
<i>Euphorbia polycantha</i> -----	Kenya-----			1	Calif.*
<i>Euphorbia</i> sp-----	do-----			1	Calif.*
<i>Freesia</i> sp-----	Italy-----			1	N.J.
<i>Gerbera</i> sp-----	Jamaica-----			1	Fla.
<i>Maliphigia</i> sp-----	†Puerto Rico-----			1	D.C.
<i>Phaseolus</i> sp-----	Mexico-----	1			Calif.*
<i>Polianthes tuberosa</i> (tuberose)-----	†Israel-----			1	N.Y.
<i>Roscoeia</i> sp-----	India-----			1	Calif.*

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Meloidogyne javanica</i> (Treub.) Chitwood—Con.					
<i>Solanum tuberosum</i> (potato).....	Brazil, Egypt.....		3		Pa.
<i>Tabebuia chrysotricha</i>	Brazil.....			1	D.C.
<i>Thomsonia nepalensis</i>	India.....			1	N.J.
<i>Viola</i> sp.....	Hawaii.....			1	Calif.*
<i>Zantedeschia aethiopica</i> (calla lily).....	France, Italy.....			7	N.J., Va.
<i>Memnoniella echinata</i> (Riv.) Gall.: <i>Musa paradisiaca sapientum</i> (banana).....	Honduras.....			1	N.J.
Palm.....	†French West Africa.....	1			Tex.
<i>Solanum tuberosum</i> (potato).....	Belgium, England.....		2		Calif.*
<i>Zingiber officinale</i> (ginger).....	China.....	1			Calif.*
<i>Micropeltis bakeri</i> (Syd.) Cash & Watson: <i>Oncidium</i> sp. (orchid).....	Mexico.....			1	Tex.
Orchid.....	Surinam.....			1	P.R.
† <i>Microthyriella rubi</i> Petr.: <i>Rubus</i> sp.....	France.....		3		Mass.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey: <i>Malus sylvestris</i> (apple).....	England, France, Spain.....		3		Pa.
<i>Monochaetia compta</i> (Sacc.) Allesch.: <i>Rosa multiflora japonica</i>	Netherlands.....			2	N.J.
<i>Mycosphaerella cattleyae</i> Cash & Watson: <i>Epidendrum</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Mycosphaerella clintoniana</i> House: <i>Rhododendron</i> sp.....	England.....			1	N.Y.
† <i>Mycosphaerella coffeicola</i> (Cke.) Stevenson & Wellman: <i>Coffea</i> sp.....	Portugal.....			1	Mass.
<i>Mycosphaerella fragariae</i> (Tul.) Lindau: <i>Fragaria</i> sp. (strawberry).....	Germany.....			1	D.C.
<i>Mycosphaerella opuntiae</i> Ell. & Ev.: <i>Astrophytum</i> spp.....	Mexico.....			1	Tex.
Cactus.....	do.....			1	Tex.
<i>Mycosphaerella rosigena</i> (Ell. & Ev.) Lindau: <i>Rosa</i> sp.....	Costa Rica.....			1	Fla.
† <i>Mycosphaerella rubi</i> Roark: <i>Rubus</i> sp.....	France.....		1		Mass.
<i>Mycosphaerella schoenoprasii</i> (Rab.) Schroet.: <i>Allium cepa solanum</i>	Japan.....		1		Calif.*
<i>Allium fistulosum</i> (Welsh onion).....	do.....		13		Pa.
<i>Allium porrum</i> (leek).....	do.....		4		Calif.,* N.Y.
<i>Allium schoenoprasum</i>	do.....		1		Calif.*
† <i>Mycosphaerella serrulatae</i> (Ell. & Ev.) Diehl: Palm.....	Mexico.....	1			Mass.
† <i>Mycosphaerella vaccinii</i> (Cke.) Schroet.: <i>Vaccinium vitis-idaea</i>	Norway.....			1	N.Y.
<i>Myrothecium roridum</i> Fr.: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
† <i>Myxosporium adustum</i> Massee: <i>Iris</i> sp.....	Japan.....			1	Pa.
† <i>Myxosporium everhartii</i> Sacc. & Syd.: <i>Cornus alba</i> var.....	Netherlands.....			1	N.J.
<i>Neofabraea malicorticis</i> Jacks: <i>Pyrus communis</i> (pear).....	Mexico (?).....		1		Ariz.
<i>Neovossia horrida</i> (Tak.) Padw. & A. Kahn: <i>Oryza sativa</i> (rice).....	Japan.....		2		Calif.*
<i>Nigrospora sphaerica</i> (Sacc.) Mason: <i>Oryza sativa</i> (rice).....	do.....	1			Calif.*
<i>Omphalia flavida</i> (Cke.) Maubl. & Rangel: <i>Gardenia augusta</i> (gardenia).....	Mexico.....			3	Tex.
<i>Oospora pustulans</i> Owen and Wakef.: <i>Solanum tuberosum</i> (potato).....	Netherlands.....	1			Ill.
<i>Ophiobolus oryzinus</i> Sacc.: <i>Oryza sativa</i> (rice).....	Japan.....		1		Calif.*
<i>Ophiobolus versisporus</i> Ell. & G. Martin: <i>Cocos nucifera</i> (coconut).....	Bahamas.....	1			Tex.
<i>Papularia sphaerosperma</i> (Lk.) Hoehn.: Bamboo.....	Hong Kong, Mexico.....	1		1	Ariz., Wash.
<i>Lavoisiera</i> sp.....	Brazil.....			1	D.C.
<i>Papulaspora coprophila</i> Hotson: <i>Gladiolus</i> sp.....	Japan.....			5	Calif.*

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Pipulasporea dodgei</i> Conners: <i>Acidanthera</i> sp.	Netherlands			1	N.J.
<i>Pipulasporea parasitica</i> (Eidam.) Harz.: <i>Allium porrum</i> (leek)	Japan		1		Calif.*
‡ <i>Parodiella congregata</i> Syd.: <i>Agave shawii</i>	Mexico	1			Calif.
<i>Periconia pycnospora</i> Fr.: Orchid	do			1	Ariz.
<i>Pestalotia conspicua</i> Servazzi: <i>Angraecum falcatum</i>	†Japan			1	Calif.*
<i>Cymbidium simonsianum</i> (orchid)	do			1	Calif.*
<i>Dendrobium bracteosum</i> (orchid)	New Guinea			1	Hawaii
<i>Oncidium wentworthianum</i> (orchid)	Mexico			1	Tex.
Orchid	British Honduras			1	Fla.
† <i>Pestalotia disseminata</i> Thuem.: <i>Terminalia catappa</i> (tropical almond)	Cuba	1			La.
<i>Pestalotia funerea</i> Desm.: <i>Pinus</i> sp. (pine)	England			1	D.C.
<i>Pestalotia macrotricha</i> Kleb.: <i>Rhododendron</i> sp.	Netherlands			2	N.Y.
† <i>Pestalotia micheneri</i> Guba: <i>Araucaria cunninghamii</i>	New Guinea			1	Calif.*
<i>Araucaria excelsa</i> (Norfolk-Island-pine)	Hawaii			1	Calif.*
<i>Pestalotia psidii</i> Pat.: <i>Psidium guajava</i> (guava)	Mexico	3			Tex.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba: <i>Rhododendron</i> sp.	Netherlands			4	N.J., N.Y.
<i>Phoma araucarie</i> Trav.: <i>Araucaria excelsa</i> (Norfolk-Island-pine)	Australia			1	Calif.*
<i>Phoma citricarpa</i> McAlp.: <i>Citrus aurantifolia</i> (sour lime)	Union of South Africa		1		Tex.
<i>Citrus aurantium</i> (sour orange)	†Federation of Malaya, Japan.		2		Calif.*
<i>Citrus limon</i> (lemon)	Africa (country(?)), Australia, Brazil, Union of South Africa, unknown.	1	19		Ala., Calif.,* Hawaii, Md., Mass., N.Y., Pa., Tex.
<i>Citrus paradisi</i> (grapefruit)	Union of South Africa		1		N.Y.
<i>Citrus reticulata</i> (Mandarin orange)	Australia(?), China, Federation of Malaya, Formosa, Hong Kong, Japan, Philippines, Singapore, Thailand, unknown.	39	15		Calif.,* Hawaii, Mass., N.Y., Wash.
<i>Citrus reticulata unshiu</i> (Satsuma orange)	China	1			Wash.
<i>Citrus sinensis</i> (orange)	Australia, China, Formosa, Hong Kong, Japan, Union of South Africa, unknown.	25	34		Calif.,* Hawaii, Mass., Minn., N.J., N.Y., Pa., Tex., Va.
<i>Citrus</i> sp.	China, Hong Kong, Japan(?), Philippines, unknown.	28			D.C., Hawaii, Mass., N.Y., Tex., Wash.
<i>Phoma insidiosa</i> Tassi: <i>Sorghum</i> spp.	India			1	N.J.
<i>Phoma lingam</i> (Fr.) Desm.: <i>Brassica oleracea capitata</i> (cabbage)	Netherlands		1		S.C.
<i>Phoma psidii</i> P. Henn.: <i>Psidium guajava</i> (guava)	Mexico	2			Tex.
† <i>Phomopsis quercella</i> (Sacc. & Roum.) Died.: <i>Quercus garryana</i> (Oregon white oak)	Canada			1	N.Y.
<i>Phyllachora engleri</i> Speg.: <i>Anthurium</i> sp.	Costa Rica			1	Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Phyllachora graminis</i> (Fr.) Fekl.:					
<i>Oryza sativa</i> (rice).....	India.....	1			Ill.
<i>Triticum</i> sp.	Japan.....		1		Calif.*
<i>Phyllosticta aucubicola</i> Sacc.:					
<i>Aucuba japonica</i> 'Croton'.....	Belgium.....			1	N.J.
† <i>Phyllosticta chrysanthemi</i> Ell. & Dearn.:					
<i>Chrysanthemum</i> sp.....	Mexico.....	1			Ariz.
† <i>Phyllosticta mortoni</i> Fairm.:					
<i>Mangifera indica</i> (mango).....	Dominican Republic.....			1	Fla.
† <i>Phyllosticta palmicola</i> Cke.:					
Palm.....	Mexico.....			1	Ariz.
<i>Phyllostictina pyriformis</i> Cash & Watson:					
<i>Cypripedium insigne</i>	India.....			1	N.J.
<i>Jacquiniella major</i>	Canal Zone.....			1	Fla.
Orchid.....	Trinidad.....			1	P.R.
<i>Stanhopea</i> sp.....	Mexico.....			1	Tex.
† <i>Physalospora camptospora</i> Sacc.:					
<i>Earina mucronata</i>	New Zealand.....			1	Calif.*
† <i>Physalospora obtusa</i> (Schw.) Cke.:					
<i>Vitis</i> sp., probably <i>vinifera</i>	Greece.....			1	N.Y.
† <i>Physalospora wildemanniana</i> Sacc.:					
<i>Cymbidium simonsianum</i> (orchid).....	Japan.....			1	Calif.*
<i>Phytophthora capsici</i> Leon.:					
<i>Benincasa hispida</i> (zit-kwa).....	Mexico.....	1			Ariz.
<i>Cucurbita pepo</i> (squash).....	do.....	1			Ariz.
† <i>Plowrightia virgultorum</i> (Fr.) Sacc.:					
<i>Alnus</i> (?) sp.....	Norway.....			1	N.J.
<i>Pratylenchus penetrans</i> (Cobb) Sher & Allen:					
<i>Convallaria majalis</i> (lily-of-the-valley).....	†Japan.....			1	Calif.*
<i>Helleborus</i> sp.....	Netherlands.....			1	N.Y.
<i>Pratylenchus pratensis</i> (de Man) Filip.(?):					
<i>Astilbe</i> sp.....	do.....			1	N.J.
<i>Pseudomicrocera henningsii</i> (Koord.) Petch:					
Scale insect on plant material.....	British Guiana, Mexico.....	2			Fla., Tex.
<i>Pseudomonas tonelliana</i> (Ferr.) Burk.:					
<i>Nerium oleander</i> (oleander).....	Mexico.....			1	Tex.
† <i>Pseudomonas viburni</i> (Thornberry & H. W. Anderson) Stapp.:					
<i>Viburnum plicatum</i>	Scotland.....			1	D.C.
† <i>Psilenchus hilarulus</i> de Man:					
<i>Bougainvillea</i> sp.....	Mexico.....			1	Tex.
<i>Hibiscus</i> sp.....	do.....			1	Tex.
Soil with cactus plant.....	do.....			1	Tex.
Soil with coleus plant.....	do.....			1	Ariz.
Soil with fern plants.....	do.....			1	Ariz.
Soil with herbaceous plants.....	do.....	1			Tex.
<i>Puccinia angustata</i> Pk.:					
<i>Scirpus</i> sp. (bulrush).....	Unknown.....	1			N.Y.
<i>Puccinia arenariae</i> (Schum.) Wint.:					
<i>Dianthus barbatus</i> (sweet-william).....	England, †Sweden.....	2			Mass., N.Y.
<i>Puccinia buxi</i> DC.:					
<i>Buxus sempervirens</i> (box).....	Italy.....			1	N.Y.
<i>Puccinia chloridis</i> Speg.:					
<i>Bouteloua</i> sp.....	Mexico.....	1		1	Ariz.
<i>Puccinia chrysanthemi</i> Roze:					
<i>Chrysanthemum</i> sp.....	Japan.....		1		Hawaii.
<i>Puccinia cynodontis</i> Desm.:					
<i>Cynodon dactylon</i> (Bermuda grass).....	Mexico.....	1			Tex.
<i>Puccinia horiana</i> P. Henn.:					
<i>Chrysanthemum</i> sp.....	Japan.....	12	8		Hawaii, Wash.
<i>Puccinia ornithogali-thyrsoides</i> Diet.:					
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	5			Ill., Mass., Mich., N.J., N.Y.
<i>Puccinia phyllostachydis</i> Kus.:					
Bamboo.....	Japan.....	1			Hawaii.
<i>Puccinia striiformis</i> West.:					
<i>Hordeum vulgare</i> (barley).....	India.....			1	D.C.
Straw—cereal.....	Azores.....	1			Mass.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Puccinia thaliae</i> Diet.:					
<i>Canna</i> sp.	Panama			2	Fla.
<i>Puccinia urbaniana</i> P. Henn.:					
<i>Stachytarpheta jamaicensis</i>	Puerto Rico	1			Ill.
† <i>Pyrenochaeta berberidis</i> (Sacc.) Brun.:					
<i>Mahonia bealei</i> (leatherleaf hollygrape)	England			1	N.J.
<i>Pythium aphanidermatum</i> (Edson) Fitz.:					
<i>Cucurbita pepo</i> (squash)	Mexico	1			Ariz.
<i>Phaseolus vulgaris</i> var. (string bean)	do	3			Ariz.
† <i>Pythium ultimum</i> Trow.:					
<i>Phaseolus vulgaris</i> var. (string bean)	do	1			Ariz.
† <i>Ravenelia mesillana</i> Ell. & Barth.:					
<i>Cassia barbinoides</i>	do			1	Tex.
Ring spot virus:					
<i>Citrullus vulgaris</i> (watermelon)	do	4			Ariz.
† <i>Scirrhia lophodermioides</i> Ell. & Ev.:					
<i>Saccharum officinarum</i> (sugarcane)	do	1			Ariz.
<i>Sclerotiopsis testudinea</i> Dearn.:					
<i>Paeonia suffruticosa</i> (tree peony)	Japan			9	Calif.*
<i>Sclerotium cepivorum</i> Berk.:					
<i>Allium sativum</i> (garlic)	Italy	1			N.Y.
<i>Scopulariopsis brevicaulis</i> (Sacc.) Bain. var. <i>glabra</i> Thom.:					
<i>Agave</i> sp.	Mexico			1	Ariz.
<i>Scutellonema brachyurum</i> (Steiner) Andrassay:					
Soil with begonia	do			1	Tex.
Soil with coleus plant	do			1	Ariz.
Soil with unknown plants	†Greece			1	Mass.
<i>Scutellonema bradys</i> (Steiner & LeHew) Andrassay:					
<i>Dioscorea</i> sp. (yam)	Africa (country(?))	1			N.Y.
† <i>Scutellonema christiei</i> (Golden & Taylor) Andrassay:					
Soil with caladium plants	Trinidad			1	Va.
Soil with palm	do			3	Va.
Soil with unknown plant	do			1	Va.
<i>Septonema intercalare</i> Cash & Watson:					
<i>Brassavola nodosa</i> (orchid)	Mexico			1	Tex.
<i>Oncidium hastatum</i> (orchid)	do			1	Tex.
Orchid	do			1	Ariz.
<i>Septoria avenae</i> Frank:					
<i>Avena</i> sp.	Belgium	1			Calif.*
<i>Septoria azaleae</i> Vogl.:					
<i>Rhododendron vuykianum</i>	Netherlands			1	N.J.
<i>Rhododendron</i> sp.	do			1	N.Y.
<i>Septoria chrysanthemi</i> Allesch.:					
<i>Chrysanthemum</i> sp.	England, Japan		1	1	N.J., Wash.
<i>Septoria citri</i> Pass.:					
<i>Citrus aurantium</i> (sour orange)	Italy		1		Calif.*
<i>Citrus limon</i> (lemon)	Italy, Spain, unknown	1	5		Calif.,* N.Y.
<i>Citrus sinensis</i> (orange)	Italy, Japan, Mexico, Spain.	1	4		Calif.,* La., Tex.
<i>Septoria citri</i> Pass.(?):					
<i>Citrus sinensis</i> (orange)	Singapore		1		Hawaii.
<i>Septoria depressa</i> McAlp.:					
<i>Citrus sinensis</i> (orange)	Australia		1		Pa.
† <i>Septoria limonum</i> Pass.:					
<i>Citrus limon</i> (lemon)	Greece		1		Tex.
<i>Septoria oryzae</i> Catt.:					
<i>Oryza sativa</i> (rice)	Japan		4		Calif.*
† <i>Septoria piricola</i> Desm.:					
<i>Pyrus</i> sp.	Spain		1		Pa.
<i>Septoria selenophomoides</i> Cash & Watson:					
<i>Brassia verrucosa</i> (orchid)	Guatemala			1	Calif.*
<i>Cattleya</i> sp. (orchid)	Mexico			1	Calif.*
<i>Dendrobium</i> 'Renown' (orchid)	England			1	Wash.
<i>Odontoglossum citrosimum</i> (orchid)	Mexico			1	Tex.
<i>Odontoglossum</i> sp.	do			1	Tex.
<i>Oncidium</i> sp. (orchid)	do			1	Tex.
Orchid	†Union of South Africa			1	N.Y.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Non-entry	Propaga- tion	
<i>Septoria unedonis</i> Rob. & Desm.:					
<i>Arbutus unedo</i>	Greece.....			1	Mass.
<i>Sphaceloma fawcettii</i> Bitanc. & Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins:					
<i>Citrus limon</i> (lemon).....	Australia, New Zealand.....		8		Hawaii, Pa.
<i>Sphaceloma punicae</i> Bitanc. & Jenkins:					
<i>Punica granatum</i> (pomegranate).....	Mexico.....	4			Ariz., Tex.
† <i>Sphaceloma rosarum</i> (Pass.) Jenkins:					
<i>Rosa</i> sp.....	do.....		1		Tex.
<i>Sphaerostilbe aurantiicola</i> (Berk. & Br.) Petch(?):					
Scale in section plant material.....	Japan.....			1	Hawaii.
† <i>Sphaerotheca pannosa</i> (Wallr.) Lev. var. <i>rosae</i> Woron.:					
<i>Rosa</i> sp.....	Germany.....	1			Mass.
<i>Sphenospora kevorkianii</i> Linder:					
<i>Epidendrum</i> sp. (orchid).....	Cuba.....			2	Fla.
<i>Huntleya</i> sp. (orchid).....	†Costa Rica.....			1	Fla.
<i>Oncidium</i> sp. (orchid).....	†Jamaica.....			2	Hawaii.
Orchid.....	†Dominican Republic.....			2	Fla.
<i>Sphenospora mera</i> Cummins (?):					
<i>Mormodes</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Stagonospora macrospora</i> (Dur. & Mont.) Sacc.:					
<i>Agave victoriae-reginae</i>	do.....			1	Tex.
<i>Agave</i> sp.....	do.....	1			Ariz.
† <i>Stemphylium botryosum</i> Wallr.:					
<i>Schizostylis</i> sp.....	England.....			1	D.C.
<i>Stilbum incarnatum</i> Wakk.:					
<i>Eleocharis dulcis</i> (waternut).....	China.....	4			Calif.*
† <i>Tilletia contraversa</i> Kuehn:					
<i>Secale cereale</i> (rye).....	Afghanistan.....			1	D.C.
†Tobacco ring spot virus (?):					
<i>Citrullus vulgaris</i> (watermelon).....	Mexico.....	5			Ariz.
† <i>Tranzschelia pruni-spinosae</i> (Pers.) Diet.:					
<i>Prunus persica</i> (peach).....	Japan.....			1	Hawaii.
<i>Trematosphaerella oryzae</i> (Miyake) Padwick:					
<i>Oryza sativa</i> (rice).....	do.....		2		Calif.*
<i>Tritirachium dependens</i> Limber:					
<i>Zingiber officinale</i> (ginger).....	China.....	1			Calif.*
† <i>Tylenchorhynchus acutus</i> M. W. Allen:					
Soil with coleus plant.....	Mexico.....			1	Ariz.
Soil with unknown plants.....	Cuba.....			1	Fla.
<i>Tylenchorhynchus capitatus</i> M. W. Allen:					
Soil with succulent plants.....	Mexico.....			1	Ariz.
Soil with unknown plants.....	do.....			2	Tex.
† <i>Tylenchorhynchus martini</i> Fielding:					
Soil with boraginaceous plants.....	do.....			1	Ariz.
Soil with India rubber tree plant.....	do.....			1	Tex.
† <i>Tylenchulus semipenetrans</i> Cobb:					
<i>Citrus</i> sp.....	Italy.....			1	N.Y.
† <i>Tylenchus davainei</i> Bastian:					
Soil and moss.....	Germany.....	1			Mass.
† <i>Tylenchus polyhypnus</i> Steiner & Albin:					
<i>Bougainvillea</i> sp.....	Mexico.....			1	Tex.
<i>Hibiscus</i> sp.....	do.....			1	Tex.
<i>Uredo anthurii</i> (Har.) Sacc.:					
<i>Anthurium</i> sp.....	Colombia.....			1	Fla.
<i>Uredo behnickiana</i> P. Henn.:					
<i>Epidendrum brassavolae</i> (orchid).....	Costa Rica.....			1	Fla.
<i>Epidendrum fragrans</i>	Mexico.....			1	Tex.
<i>Epidendrum mariae</i>	do.....			3	Tex.
<i>Epidendrum variegatum</i>	Brazil.....			1	Fla.
<i>Huntleya</i> sp. (orchid).....	Panama.....			1	Fla.
<i>Laelia anceps</i> (orchid).....	Mexico.....			4	Tex.
<i>Oncidium forbesii</i> (orchid).....	Brazil.....			1	Calif.*
<i>Oncidium marshallianum</i>	do.....			1	Calif.*
<i>Oncidium varicosum rogersii</i>	do.....			2	Calif.,* Fla.
<i>Oncidium</i> sp.....	do.....			1	Calif.*
<i>Schomburgkia undulata</i> (orchid).....	Costa Rica.....			1	Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Non-entry	Propaga- tion	
<i>Uredo epidendri</i> P. Henn.:					
<i>Epidendrum bilamellatum</i> (orchid)	Canal Zone			1	Fla.
<i>Epidendrum cinnabarinum</i>	Brazil			1	Fla.
<i>Epidendrum mirabile</i>	Costa Rica			1	Fla.
<i>Epidendrum myrianthum</i>	do			1	Fla.
<i>Epidendrum radicans</i>	Brazil			1	Fla.
<i>Epidendrum</i> sp.	Bahamas			1	Fla.
<i>Oncidium</i> sp. (orchid)	Honduras			1	Fla.
Orchid	†Nicaragua			1	Calif.*
<i>Trigonidium seemannii</i> (orchid)	Canal Zone			1	Fla.
<i>Uredo guacae</i> Mayor:					
<i>Epidendrum cinnabarinum</i> (orchid)	Brazil			1	Fla.
<i>Epidendrum mirabile</i>	Costa Rica			1	Calif.*
<i>Epidendrum polychlamys</i>	do			1	Calif.*
<i>Epidendrum verrucosum</i>	Jamaica			1	Fla.
<i>Huntleya</i> sp. (?) (orchid)	Costa Rica			1	Fla.
<i>Ionopsis</i> sp.	Jamaica			1	Fla.
<i>Stanhopea</i> sp. (orchid)	Costa Rica			1	Tex.
<i>Trigonidium egertonianum</i> (orchid)	British Honduras			1	Fla.
<i>Zygopetalum burtii</i> (orchid)	Costa Rica			1	Fla.
<i>Uredo nigropuncta</i> P. Henn.:					
<i>Epidendrum</i> sp. (orchid)	Cuba			1	Fla.
<i>Scaphyglottis</i> sp. (orchid)	Canal Zone			1	Fla.
<i>Stanhopea</i> sp. (orchid)	Costa Rica			1	Fla.
<i>Uredo oncidii</i> P. Henn.:					
<i>Oncidium bicallosum</i> (orchid)	Guatemala			1	Fla.
<i>Oncidium cavendishianum</i>	Mexico			2	Tex.
<i>Oncidium cebolleta</i>	Costa Rica, Mexico			2	Fla., Tex.
<i>Oncidium echinatum</i>	Brazil			1	Fla.
<i>Oncidium stramineum</i>	Mexico			1	Fla.
<i>Oncidium</i> sp.	British Honduras, El Salvador, Guatemala, Mexico.			4	Fla., Tex.
<i>Uredo oncidii</i> P. Henn. (?):					
<i>Odontoglossum bictoniense</i> (orchid)	Mexico			1	N.J.
<i>Uredo scabies</i> Cke.:					
<i>Vanilla</i> sp. (orchid)	Panama			1	Fla.
† <i>Urocystis anemones</i> (Pers.) Schroet.:					
<i>Trollius</i> sp.	England			1	N.J.
<i>Urocystis gladiolicola</i> Ains.:					
<i>Gladiolus nanus</i> 'Peach Blossom' & 'Blushing Bride'.	Netherlands			1	N.J.
<i>Uromyces alyxiae</i> Arth.:					
<i>Alyxia olivaeformis</i> (maile)	Hawaii	3			Hawaii.
† <i>Uromyces commelinae</i> Cke.:					
<i>Geogenanthus</i> sp.	Colombia			1	Fla.
<i>Uromyces coronatus</i> Yosh. (?):					
<i>Zizania aquatica</i>	China			1	N.J.
† <i>Uromyces limonii</i> (DC.) Lev.:					
<i>Armeria</i> sp. (statice)	Denmark, Germany	1		1	Pa.
<i>Uromyces lineolatus</i> (Desm.) Schroet.:					
<i>Scirpus maritimus</i>	†Portugal	1			Pa.
<i>Scirpus validus</i> (softstem bulrush)	Bermuda	1			N.Y.
† <i>Uromyces phaseoli</i> (Reb.) Wint.:					
<i>Phaseolus vulgaris</i> var. (string bean)	Spain		1		Pa.
<i>Ustilago bullata</i> Berk.:					
<i>Bromus macrostachys</i>	Turkey			1	D.C.
<i>Ustilago nuda</i> (Jens.) Rostr.:					
<i>Hordeum vulgare</i> (barley)	Ethiopia	1			D.C.
<i>Valsella pedicellata</i> Cash & Watson:					
<i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
† <i>Venturia rhododendri</i> Tengwall (?):					
<i>Rhododendron</i> sp.	Netherlands			1	N.J.
<i>Volutella albo-pila</i> Boud.:					
Orchid	Central America (country(?)).	1			Tex.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Xanthomonas citri</i> (Hasse) Dowson:					
<i>Citrus aurantifolia</i> (lime)-----	India-----	1			Va.
<i>Citrus aurantifolia</i> (sour lime)-----	China, India, Japan-----	1	3		Calif.,* N.Y.
<i>Citrus aurantium</i> (sour orange)-----	Japan-----		22		Calif.,* Md., Mass., Pa.
<i>Citrus grandis</i> (pummelo)-----	Federation of Malaya, India, Japan.		3		Calif.,* Mass., Pa.
<i>Citrus limon</i> (lemon)-----	Japan-----		5		Calif.*
<i>Citrus paradisi</i> (grapefruit)-----	do-----		4		Calif.,* Tex.
<i>Citrus paradisi</i> (?)-----	†Pakistan-----	1			N.Y.
<i>Citrus reticulata</i> (Mandarin orange)-----	China, Hong Kong, Japan-----	4	5		Calif.,* Hawaii, Mass., Pa.
<i>Citrus sinensis</i> (orange)-----	Hong Kong, Japan, Singapore.	1	25		Ala., Calif.,* Hawaii, Md., Wash.
<i>Citrus</i> sp.-----	Hong Kong-----	1			Mass.
<i>Xanthomonas citri</i> (Hasse) Dowson(?):					
<i>Citrus limon</i> (lemon)-----	Japan-----		1		Hawaii.
<i>Citrus paradisi</i> (grapefruit)-----	do-----		1		Hawaii.
<i>Citrus sinensis</i> -----	do-----		1		Hawaii.
<i>Xanthomonas</i> sp. (Cancrosis B):					
<i>Citrus limon</i> (lemon)-----	Argentina-----		3		Calif.,* Md., Mass.
<i>Citrus paradisi</i> (grapefruit)-----	do-----		1		Mass.
† <i>Xiphinema diversicaudatum</i> (Micoletzky) Thorne:					
Soil with olive trees-----	Italy-----			1	D.C.
"Yellow spot" virus:					
<i>Camellia</i> sp.-----	Netherlands-----			1	N.Y.

An asterisk (*) indicates State inspection.

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception by Division inspectors.

Host and Diseases

- ACIDANTHERA:
†*Papulaspora dodgei* (Deuteromycetes)
- AGAPANTHUS:
Meloidogyne incognita acrita (Nematoda)
- AGAVE:
†*Allantonectria miltina* (Ascomycetes)
†*Coniothecium agaves* (Deuteromycetes)
†*Parodiella congregata* (Ascomycetes)
Scopulariopsis brevicaulis var. *glabra* (Deuteromycetes)
Stagonospora macrospora (Deuteromycetes)
- ALLIUM CEPA SOLANUM:
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM FISTULOSUM:
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM PORRUM:
†*Colletotrichum dematium* f. *circinans* (Deuteromycetes)
Mycosphaerella schoenoprasii (Ascomycetes)
Papulaspora parasitica (Deuteromycetes)
- ALLIUM SATIVUM:
Ditylenchus dipsaci (Nematoda)
Sclerotium cepivorum (Deuteromycetes)
- ALLIUM SCHOENOPRASUM:
Mycosphaerella schoenoprasii (Ascomycetes)
- ALNUS(?):
†*Plowrightia virgultorum* (Ascomycetes)
- ALOE:
Meloidogyne incognita acrita (Nematoda)
†*Meloidogyne javanica* (Nematoda)
- ALYXIA:
Uromyces alyxiae (Promycetes)
- ANGRAECUM:
†*Pestalotia conspicua* (Deuteromycetes)
- ANTHURIUM:
Phyllachora engleri (Ascomycetes)
Uredo anthurii (Promycetes)
- APIUM:
Meloidogyne hapla (Nematoda)
†*Meloidogyne incognita* (Nematoda)
†*Meloidogyne incognita acrita* (Nematoda)
- ARAUCARIA:
Botryosphaeria berengeriana var. *araucariae* (Ascomycetes)
Cryptospora longispora (Ascomycetes)
†*Macrophoma araucariae* (Deuteromycetes)
†*Pestalotia micheneri* (Deuteromycetes)
Phoma araucariae (Deuteromycetes)
- ARBUTUS:
Septoria unedonis (Deuteromycetes)
- ARECA:
†*Curvularia geniculata* (Deuteromycetes)
- ARMERIA:
†*Cercospora insulana* (Deuteromycetes)
†*Uromyces limonii* (Promycetes)
- ARTOCARPUS:
Meloidogyne incognita acrita (Nematoda)
- ARUNDINARIA:
†*Colletotrichum graminicola* (Deuteromycetes)
- ASTILBE:
†*Chalaropsis thielaviopsis* (Deuteromycetes)
Pratylenchus pratensis(?) (Nematoda)
- ASTROPHYTUM:
Mycosphaerella opuntiae (Ascomycetes)
- AUCUBA:
Phyllosticta aucubicola (Deuteromycetes)
- AVENA:
Septoria avenae (Deuteromycetes)
- BAMBOO:
Papularia sphaerosperma (Deuteromycetes)
Puccinia phyllostachydis (Promycetes)
- BEGONIA:
†*Meloidogyne arenaria* (Nematoda)
Meloidogyne javanica (Nematoda)
- BENINCASA:
Phytophthora capsici (Phycomycetes)
- BERBERIS:
Meloidogyne arenaria (Nematoda)
- BERGENIA:
Discohainesia oenotherae (Ascomycetes)
- BETA:
Meloidogyne incognita (Nematoda)
- BLETILLA:
†*Aphelenchoides fragariae*(?) (Nematoda)
- BOUGAINVILLEA:
†*Psilenchus hilarulus* (Nematoda)
†*Tylenchus polyhypnus* (Nematoda)
- BOUTELOUA:
Puccinia chloridis (Promycetes)
- BRACHYPODIUM:
Colletotrichum graminicola (Deuteromycetes)
- BRASSAVOLA:
Septonema intercalare (Deuteromycetes)
- BRASSIA:
Septoria selenophomoides (Deuteromycetes)
- BRASSICA OLERACEA CAPITATA:
Phoma lingam (Deuteromycetes)
- BRASSICA RAPA:
Meloidogyne incognita (Nematoda)
- BROMUS:
Ustilago bullata (Promycetes)
- BUXUS:
Puccinia buxi (Promycetes)
- CACTUS:
†*Coniothyrium globuliforme* (Deuteromycetes)
Meloidogyne arenaria (Nematoda)
Meloidogyne javanica (Nematoda)
Mycosphaerella opuntiae (Ascomycetes)
- CALADIUM:
Meloidogyne arenaria (Nematoda)
- CALATHEA:
Meloidogyne arenaria (Nematoda)
- CALLISTEPHUS:
†*Coleosporium asterum* (Promycetes)
- CAMELLIA:
"Yellow spot" virus
- CANNA:
Meloidogyne incognita acrita (Nematoda)
†*Puccinia thaliae* (Promycetes)
- CAPSICUM:
Colletotrichum dematium (Deuteromycetes)
Curvularia lunata (Deuteromycetes)
- CARICA:
Asperisporium caricae (Deuteromycetes)

See footnotes at end of this list.

Host and Diseases—Continued

CASSIA:

†*Ravenelia mesillana* (Promycetes)

CATTLEA:

Cladosporium orchidearum (Deuteromycetes)
Septoria selenophomoides (Deuteromycetes)

CHAMAEDOREA:

†*Botryosphaeria palmigena* (Ascomycetes)

CHRYSANthemum:

†*Phyllosticta chrysanthemi* (Deuteromycetes)
Puccinia chrysanthemi (Promycetes)
Puccinia horiana (Promycetes)
Septoria chrysanthemi (Deuteromycetes)

CICHORIUM:

Meloidogyne incognita acrita (Nematoda)
†*Meloidogyne javanica* (Nematoda)

CITRULLUS:

Ring spot virus
†Tobacco ring spot virus(?)

CITRUS AURANTIFOLIA:

Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)

CITRUS AURANTIUM:

†*Phoma citricarpa* (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)

CITRUS GRANDIS:

Xanthomonas citri (Schizomycetes)

CITRUS LIMON:

Alternaria citri (Deuteromycetes)
Coniothecium scabrum (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
†*Septoria limonum* (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)

CITRUS PARADISI:

Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
†*Xanthomonas citri* (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)

CITRUS RETICULATA:

Elsinoe australis (Ascomycetes)
"Greasy spot"
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)

CITRUS RETICULATA UNSHIU:

Phoma citricarpa (Deuteromycetes)

CITRUS SINENSIS:

Elsinoe australis (Ascomycetes)
"Greasy spot"
"Leprosis"
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Septoria depressa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)

CITRUS SP.:

Phoma citricarpa (Deuteromycetes)
†*Tylenchulus semipenetrans* (Nematoda)
Xanthomonas citri (Schizomycetes)

COCOS:

†*Diaporthe arctii* (Ascomycetes)
†*Diplodia coccoarpa* (Deuteromycetes)
†*Macrophoma cocos* (Deuteromycetes)
Ophiobolus versisporus (Ascomycetes)

See footnotes at end of this list.

COFFEA:

†*Cercospora coffeicola* (Deuteromycetes)
†*Mycosphaerella coffeicola* (Ascomycetes)

COLOCASIA:

Meloidogyne arenaria (Nematoda)
Meloidogyne javanica (Nematoda)

CONVALLARIA:

†*Pratylenchus penetrans* (Nematoda)

CORNUS:

†*Myxosporium everhartii* (Deuteromycetes)

COTINUS:

†*Cylindrocarpon radicolica* (Deuteromycetes)

CRATAEGUS:

†*Colletotrichum crassipes* (Deuteromycetes)

CUCURBITA:

Phytophthora capsici (Phycomycetes)
Pythium aphanidermatum (Phycomycetes)

CYMBIDIUM:

Pestalotia conspicua (Deuteromycetes)
†*Physalospora wildemanniana* (Ascomycetes)

CYNODON:

Puccinia cynodontis (Promycetes)

CYPRIPIEDUM:

Phyllostictina pyriformis (Deuteromycetes)

DAHLIA:

Meloidogyne arenaria (Nematoda)
Meloidogyne hapla (Nematoda)
Meloidogyne javanica (Nematoda)

DAUCUS:

Meloidogyne incognita (Nematoda)
†*Meloidogyne javanica* (Nematoda)

DELONIX:

Botryosphaeria ribis (Ascomycetes)

DENDROBIUM:

Pestalotia conspicua (Deuteromycetes)
Septoria selenophomoides (Deuteromycetes)

DIANTHUS:

Alternaria dianthi (Deuteromycetes)
†*Puccinia arenariae* (Promycetes)

DIOSCOREA:

Scutellonema bradys (Nematoda)

EARINA:

†*Physalospora camptospora* (Ascomycetes)

ECHEVERIA:

Meloidogyne incognita acrita (Nematoda)

ELEOCHARIS:

Stilbum incarnatum (Deuteromycetes)

EPIDENDRUM:

†*Asterinella epidendri* (Ascomycetes)
Cercospora angraei (Deuteromycetes)
Mycosphaerella cattleyae (Ascomycetes)
Sphenospora kevorkianii (Promycetes)
Uredo behnickiana (Promycetes)
Uredo epidendri (Promycetes)
Uredo guacae (Promycetes)
Uredo nigropuncta (Promycetes)

EPIMEDIUM:

†*Meloidogyne incognita acrita* (Nematoda)

EUPHORBIA:

Meloidogyne javanica (Nematoda)

FAGUS:

Fusicoccum galericulatum (Deuteromycetes)
Hendersonia piriformis (Deuteromycetes)

Host and Diseases—Continued

FICUS:

†*Cerotelium fici* (Promycetes)

FRAGARIA:

Mycosphaerella fragariae (Ascomycetes)

FREESIA:

Fusarium oxysporum f. *gladioli* (Deuteromycetes)*Meloidogyne arenaria* (Nematoda)*Meloidogyne javanica* (Nematoda)

GARDENIA:

Omphalia flavida (Basidiomycetes)

GEOGENANTHUS:

†*Uromyces commelinae* (Promycetes)

GERANIUM:

Meloidogyne hapla (Nematoda)

GERBERA:

Meloidogyne javanica (Nematoda)

GLADIOLUS:

†*Botrytis gladiolorum* (Deuteromycetes)*Fusarium oxysporum* f. *gladioli* (Deuteromycetes)*Meloidogyne arenaria* (Nematoda)*Meloidogyne incognita acrita* (Nematoda)*Papulaspora coprophila* (Deuteromycetes)*Urocystis gladiolicola* (Promycetes)

GOSSYPIUM:

Cercopora gossypina (Deuteromycetes)

HEDERA:

Colletotrichum dematium (Deuteromycetes)

HELLEBORUS:

Coniothyrium hellebori (Deuteromycetes)*Pratylenchus penetrans* (Nematoda)

HIBISCUS:

†*Psilenchus hilarulus* (Nematoda)†*Tylenchus polyhynchus* (Nematoda)

HORDEUM:

Puccinia striiformis (Promycetes)*Ustilago nuda* (Promycetes)

HUNTLEYA:

†*Sphenospora kevorkianii* (Promycetes)*Uredo behnickiana* (Promycetes)*Uredo guacae* (Promycetes)

ILEX:

†*Diaporthe eres* (Ascomycetes)

IONOPSIS:

Uredo guacae (Promycetes)

IPOMOEA:

Coleosporium ipomoeae (Promycetes)*Meloidogyne incognita* (Nematoda)

IRIS:

Ditylenchus dipsaci (Nematoda)*Heterosporium iridis* (Deuteromycetes)*Meloidogyne arenaria* (Nematoda)*Meloidogyne incognita acrita* (Nematoda)†*Mystrosporium adustum* (Deuteromycetes)

JACQUINIELLA:

Phyllostictina pyriformis (Deuteromycetes)

JASMINUM:

Meloidogyne incognita acrita (Nematoda)

JUNIPERUS:

Criconemoides xenoplax (Nematoda)*Gymnosporangium haraezanum* (Promycetes)

KLEINIA:

Meloidogyne incognita (Nematoda)

See footnotes at end of this list.

LABURNUM:

Coniothyrium cytisellum (Deuteromycetes)

LACTUCA:

Meloidogyne incognita (Nematoda)†*Meloidogyne incognita acrita* (Nematoda)

LAELIA:

Uredo behnickiana (Promycetes)*Valsella pedicellata* (Ascomycetes)

LAVOISIERA:

Papularia sphaerosperma (Deuteromycetes)

LEUCOTHOE:

Diplodina leucothoes (Deuteromycetes)

LILIUM:

Meloidogyne incognita acrita (Nematoda)

LYCOPERSICON:

Corynespora cassiicola (Deuteromycetes)†*Geotrichum candidum* (Deuteromycetes)*Myrothecium roridum* (Deuteromycetes)

MAHONIA:

†*Cumminsella mirabilissima* (Promycetes)†*Pyrenochaeta berberidis* (Deuteromycetes)

MALPHIGIA:

†*Meloidogyne javanica* (Nematoda)

MALUS:

Monilinia fructigena (Ascomycetes)

MANGIFERA:

†*Elsinoe mangiferae* (Ascomycetes)†*Phyllosticta mortoni* (Deuteromycetes)

MARANTA:

Meloidogyne arenaria (Nematoda)

MILTONIA:

Lembosia rolfsii (Ascomycetes)

MONDO:

Meloidogyne incognita acrita (Nematoda)

MONSTERA:

Meloidogyne incognita acrita (Nematoda)

MORMODES:

Sphenospora mera(?) (Promycetes)

MUSA:

Cercospora musae (Deuteromycetes)*Colletotrichum musae* (Deuteromycetes)*Macrophoma musae* (Deuteromycetes)†*Memnoniella echinata* (Deuteromycetes)

NARCISSUS:

Ceratocystis narcissii (Ascomycetes)*Ditylenchus dipsaci* (Nematoda)

NERIUM:

Cercospora neriella (Deuteromycetes)*Pseudomonas tonelliana* (Schizomycetes)

ODONTOGLOSSUM:

Cercospora angraeci (Deuteromycetes)*Septoria selenophomoides* (Deuteromycetes)*Uredo oncidii*(?) (Promycetes)

ONCIDIODA:

†*Cercospora odontoglossi* (Deuteromycetes)

ONCIDIUM:

†*Cercospora angraeci* (Deuteromycetes)*Microveltis bakeri* (Ascomycetes)*Pestalotia conspicua* (Deuteromycetes)*Septonema intercalare* (Deuteromycetes)*Septoria selenophomoides* (Deuteromycetes)†*Sphenospora kevorkianii* (Promycetes)

Host and Diseases—Continued

ONCIDIUM—Continued

- Uredo behnickiana* (Promycetes)
Uredo epidendri (Promycetes)
Uredo oncidii (Promycetes)

ORCHID:

- Cercospora angraeci* (Deuteromycetes)
Micropeltis bakeri (Ascomycetes)
Periconia pycnospora (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Phyllostictina pyriformis (Deuteromycetes)
Septonema intercalare (Deuteromycetes)
†*Septoria selenophomoides* (Deuteromycetes)
†*Sphenospora kevorkianii* (Promycetes)
†*Uredo epidendri* (Promycetes)
Volutella albo-pila (Deuteromycetes)

OREOCHARIS:

- Meloidogyne hapla* (Nematoda)

ORNITHOGALUM:

- Didymellina ornithogali* (Ascomycetes)
Heterosporium ornithogali (Deuteromycetes)
Puccinia ornithogali-thyrsoides (Promycetes)

ORYZA:

- †*Aspergillus mangini* (Deuteromycetes)
Chlamydomyces palmarum (Deuteromycetes)
Entyloma oryzae (Promycetes)
†*Hendersonia oryzae* (Deuteromycetes)
†*Leptosphaeria michotii* (Ascomycetes)
Leptosphaeria oryzina (Ascomycetes)
Neovossia horrida (Promycetes)
Nigrospora sphaerica (Deuteromycetes)
Ophiobolus oryzinus (Ascomycetes)
Phyllachora graminis (Ascomycetes)
Septoria oryzae (Deuteromycetes)
Trematosphaerella oryzae (Ascomycetes)

PACHYCEREUS:

- Hendersonia opuntiae* (Deuteromycetes)

PAEONIA:

- Discohainesia oenotherae* (Ascomycetes)
Meloidogyne hapla (Nematoda)
Sclerotiopsis testudinea (Deuteromycetes)

PALM:

- †*Coniothyrium socium*(?) (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
†*Mycosphaerella serrulatae* (Ascomycetes)
†*Phyllosticta palmicola* (Deuteromycetes)

PARKINSONIA:

- †*Diaporthe oncostoma* (Ascomycetes)

PASPALUM:

- Cerebella andropogonis* (Deuteromycetes)

PASTINACA:

- Meloidogyne hapla* (Nematoda)

PERSEA:

- Cercospora purpurea* (Deuteromycetes)

PHASEOLUS:

- Cercospora canescens* (Deuteromycetes)
†*Cercospora columnaris* (Deuteromycetes)
Elsinoe phaseoli (Ascomycetes)
Meloidogyne javanica (Nematoda)
Pythium aphanidermatum (Phycomycetes)
†*Pythium ultimum* (Phycomycetes)
†*Uromyces phaseoli* (Promycetes)

PICEA:

- Chrysomyza ledicola* (Promycetes)

PINUS:

- Pestalotia funerea* (Deuteromycetes)

PISUM:

- †*Ascochyta pisi* (Deuteromycetes)

See footnotes at end of this list.

POLIANTHES:

- Meloidogyne incognita* (Nematoda)
†*Meloidogyne javanica* (Nematoda)

POPULUS

- †*Cytospora chrysosperma* (Deuteromycetes)

PRUNUS PERSICA:

- †*Tranzschelia pruni-spinosae* (Promycetes)

PRUNUS TENELLA:

- †*Coryneum carpophilum* (Deuteromycetes)

PSIDIUM:

- Pestalotia psidii* (Deuteromycetes)
Phoma psidii (Deuteromycetes)

PUNICA:

- †*Dendrophoma cytosporoides* var. *punicina* (Deuteromycetes)
Sphaceloma punicae (Deuteromycetes)

PYRUS:

- Neofabraea malicorticis* (Ascomycetes)
†*Septoria piricola* (Deuteromycetes)

QUERCUS:

- †*Phomopsis quercella* (Deuteromycetes)

RHAPIS:

- Meloidogyne incognita acrita* (Nematoda)

RHEUM:

- Colletotrichum dematium* (Deuteromycetes)

RHODODENDRON:

- Cercospora handelii* (Deuteromycetes)
†*Chrysomyxa ledi* var. *rhododendri* (Promycetes)
Diplodina eurhododendri (Deuteromycetes)
Discohainesia oenotherae (Ascomycetes)
Ezobasidium vaccinii (Basidiomycetes)
Mycosphaerella clintoniana (Ascomycetes)
Pestalotia macrotricha (Deuteromycetes)
Pestalotia rhododendri (Deuteromycetes)
Septoria azaleae (Deuteromycetes)
†*Venturia rhododendri*(?) (Ascomycetes)

ROSA:

- †*Cercospora puderi* (Deuteromycetes)
†*Griphosphaeria corticola* (Ascomycetes)
Meloidogyne hapla (Nematoda)
Monochaetia compta (Deuteromycetes)
Mycosphaerella rosigena (Ascomycetes)
†*Sphaceloma rosarum* (Deuteromycetes)
†*Sphaerotheca pannosa* var. *rosae* (Ascomycetes)

ROSCOEIA:

- Meloidogyne javanica* (Nematoda)

RUBUS:

- †*Microthyriella rubi* (Ascomycetes)
†*Mycosphaerella rubi* (Ascomycetes)

RUSCUS:

- Leptosphaeria rusci* (Ascomycetes)

SACCHARUM:

- †*Scirrhia lophodermioides* (Ascomycetes)

SALIX:

- †*Melampsora paradoxa*(?) (Promycetes)

SANSEVIERIA:

- Meloidogyne incognita acrita* (Nematoda)

SCAPHYGLOTTIS:

- Uredo nigropuncta* (Promycetes)

SCHIZOSTYLIS:

- †*Stemphylium botryosum* (Deuteromycetes)

SCHOMBURGKIA:

- Uredo behnickiana* (Promycetes)

Host and Diseases—Continued

SCIRPUS:

- Puccinia angustata* (Promycetes)
 †*Uromyces lineolatus* (Promycetes)

SECALE:

- †*Tilletia contraversa* (Promycetes)

SECHIUM:

- ‡*Ascochyta cucumis*(?) (Deuteromycetes)

SOBRALIA:

- †*Cercospora cypripedii* (Deuteromycetes)

SOIL:

- ‡*Gottholdsteineria goodeyi* (Nematoda)
 †*Helicotylenchus erythrinae* (Nematoda)
 †*Helicotylenchus multicinctus* (Nematoda)
 †*Helicotylenchus nannus* (Nematoda)
 †*Heterodera avenae* (Nematoda)
 †*Heterodera cacti* (Nematoda)
 †*Heterodera humuli* (Nematoda)
 †*Heterodera punctata* (Nematoda)
 †*Heterodera rostochiensis* (Nematoda)
 †*Meloidogyne hapla* (Nematoda)
 †*Meloidogyne incognita* (Nematoda)
 †*Meloidogyne incognita acrita* (Nematoda)
 †*Psilenchus hilarulus* (Nematoda)
 †*Scutellonema brachyurum* (Nematoda)
 †*Scutellonema christiei* (Nematoda)
 †*Tylenchorhynchus acutus* (Nematoda)
 †*Tylenchorhynchus capitatus* (Nematoda)
 †*Tylenchorhynchus martini* (Nematoda)
 †*Tylenchus davainei* (Nematoda)
 †*Xiphinema diversicaudatum* (Nematoda)

SOLANUM:

- Meloidogyne arenaria* (Nematoda)
Meloidogyne incognita (Nematoda)
 †*Meloidogyne incognita acrita* (Nematoda)
Meloidogyne javanica (Nematoda)
Memnoniella echinata (Deuteromycetes)
Oospora pustulans (Deuteromycetes)

SORGHUM:

- Phoma insidiosa* (Deuteromycetes)

STACHYTARPHETA:

- Puccinia urbaniana* (Promycetes)

STANHOPEA:

- †*Coniothyrium stanhopeae* (Deuteromycetes)
Guignardia traversi (Ascomycetes)
Phyllostictina pyriformis (Deuteromycetes)
Uredo guacae (Promycetes)
Uredo nigropuncta (Promycetes)

TABEBUIA:

- Meloidogyne javanica* (Nematoda)

TERMINALIA:

- †*Pestalotia disseminata* (Deuteromycetes)

THOMSONIA:

- Meloidogyne javanica* (Nematoda)

TRIGONIDIUM:

- Uredo epidendri* (Promycetes)
Uredo guacae (Promycetes)

TRITICUM:

- Colletotrichum graminicola* (Deuteromycetes)
 †*Leptosphaeria eustomoides* (Ascomycetes)
Phyllachora graminis (Ascomycetes)

TROLLIUS:

- †*Urocystis anemones* (Promycetes)

VACCINIUM:

- ‡*Mycosphaerella vaccinii* (Ascomycetes)

VANILLA:

- Uredo scabies* (Promycetes)

VIBURNUM:

- ‡*Pseudomonas viburni* (Schizomycetes)

VIOLA:

- Meloidogyne javanica* (Nematoda)

VITIS:

- †*Coniothyrium diplodiella* (Deuteromycetes)
 †*Phyalospora obtusa* (Ascomycetes)

WEIGELA:

- Meloidogyne hapla* (Nematoda)

YUCCA:

- Diplodia circinans* (Deuteromycetes)

ZANTEDESCHIA:

- Meloidogyne arenaria* (Nematoda)
Meloidogyne incognita acrita (Nematoda)
Meloidogyne javanica (Nematoda)

ZINGIBER:

- Meloidogyne arenaria* (Nematoda)
Memnoniella echinata (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)

ZIZANIA:

- Uromyces coronatus* (?) (Promycetes)

ZYGOPETALUM:

- Uredo guacae* (Promycetes)

Hosts Unknown

PLANT:

- Meloidogyne incognita acrita* (Nematoda)

SCALE INSECT:

- Pseudomicrocera henningsii* (Deuteromycetes)
Sphaerostilbe aurantiicola(?) (Ascomycetes)

STRAW—CEREAL:

- Colletotrichum graminicola* (Deuteromycetes)
Puccinia striiformis (Promycetes)

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception by Division inspectors.

Countries of Origin and Diseases

AFGHANISTAN:

†*Tilletia contraversa*

AFRICA:

Phoma citricarpa
Scutellonema bradys

AMERICAN SAMOA:

†*Macrophoma cocos*

ARGENTINA:

Elsinoe australis
Heterodera cacti
Heterodera rostochiensis
Meloidogyne arenaria
Meloidogyne incognita
Xanthomonas sp. (Cancrosis B)

AUSTRALIA:

Cerebella andropogonis
Cryptospora longispora
Macrophoma araucariae
Meloidogyne hapla
Meloidogyne javanica
Phoma araucariae
Phoma citricarpa
Septoria depressa
Sphaceloma fawcettii var. *scabiosa*

AUSTRIA:

Chrysomyxa ledi var. *rhododendri*

AZORES:

Puccinia striiformis

BAHAMAS:

Ophiobolus versisporus
Uredo epidendri

BELGIUM:

Exobasidium vaccinii
Heterodera punctata
†*Leptosphaeria eustomoides*
Memnoniella echinata
Phyllosticta aucubicola
Septoria avenae

BERMUDA:

Cercospora neriella
Macrophoma araucariae
Meloidogyne incognita
Uromyces lineolatus

BRAZIL:

Asperisporium caricae
Cercospora coffeicola
Colletotrichum musae
Elsinoe australis
Meloidogyne incognita acrita
Meloidogyne javanica
Popularia sphaerosperma
Phoma citricarpa
Uredo behnickiana
Uredo epidendri
Uredo guacae
Uredo oncidii

BRITISH GUIANA:

Pseudomicrocera henningsii

BRITISH HONDURAS:

Pestalotia conspicua
Uredo guacae
Uredo oncidii

BRITISH ISLES:

Heterodera rostochiensis

CANADA:

†*Chrysomyxa ledi* var. *rhododendri*
Chrysomyxa ledicola
Colletotrichum dematium
†*Coryneum carpophilum*†*Cytospora chrysosperma*
Meloidogyne hapla
†*Phomopsis quercella*

CANAL ZONE:

†*Coniothyrium stanhopeae*
†*Diplodia coccocarpa*
Meloidogyne arenaria
Meloidogyne incognita
Phyllostictina pyriformis
Uredo epidendri
Uredo nigropuncta

CENTRAL AMERICA:

Volutella albo-pila

CHINA:

Memnoniella echinata
Phoma citricarpa
Stilbum incarnatum
Tritirachium dependens
Uromyces coronatus(?)
Xanthomonas citri

CHRISTMAS ISLAND:

†*Diaporthe arctii*

COLOMBIA:

†*Meloidogyne incognita acrita*
Uredo anthurii
†*Uromyces commelinae*

COSTA RICA:

Lembosia rolfsii
Macrophoma musae
Mycosphaerella rosigena
Phyllachora engleri
†*Sphenospora kevorkianii*
Uredo behnickiana
Uredo epidendri
Uredo guacae
Uredo nigropuncta
Uredo oncidii

CUBA:

†*Coleosporium asterum*
Elsinoe mangiferae
†*Helicotylenchus multicinctus*
Meloidogyne incognita acrita
Meloidogyne javanica
†*Pestalotia disseminata*
Sphenospora kevorkianii
†*Tylenchorhynchus acutus*
Uredo nigropuncta

CZECHOSLOVAKIA:

†*Heterodera avenae*

DENMARK:

†*Coniothyrium diplodiella*
Heterodera rostochiensis
†*Uromyces limonii*

DOMINICAN REPUBLIC:

†*Phyllosticta mortoni*
†*Sphenospora kevorkianii*

ECUADOR:

†*Cercospora angraeci*
†*Cerotelium fici*

EGYPT:

Meloidogyne javanica

EL SALVADOR:

†*Cercospora coffeicola*
†*Colletotrichum crassipes*
Uredo oncidii

ENGLAND:

Alternaria dianthi
Ceratocystis narcissii
Colletotrichum dematium

See footnotes at the end of this list.

Countries of Origin and Diseases—Continued

ENGLAND—Continued

- †*Diaporthe eres*
- Ditylenchus dipsaci*
- Fusarium oxysporum* f. *gladioli*
- Heterodera avenae*
- Heterodera cacti*
- Heterodera humuli*
- Heterodera punctata*
- Heterodera rostochiensis*
- Meloidogyne hapla*
- †*Meloidogyne incognita acrita*
- Memnoniella echinata*
- Monilinia fructigena*
- Mycosphaerella clintoniana*
- Pestalotia funerea*
- Puccinia arenariae*
- †*Pyrenochaeta berberidis*
- Septoria chrysanthemi*
- Septoria selenophomoides*
- †*Stemphylium botryosum*
- †*Urocystis anemones*

ENGLAND(?):

- †*Cumminsella mirabilissima*

ETHIOPIA:

- Ustilago nuda*

EUROPE:

- Heterodera avenae*
- Heterodera punctata*

FEDERATION OF MALAYA:

- Phoma citricarpa*
- Xanthomonas citri*

FIJI ISLANDS:

- †*Meloidogyne javanica*

FORMOSA:

- Phoma citricarpa*

FRANCE:

- Heterodera punctata*
- Meloidogyne javanica*
- †*Microthyriella rubi*
- Monilinia fructigena*
- †*Mycosphaerella rubi*

FRENCH WEST AFRICA:

- Meloidogyne incognita*
- Meloidogyne incognita acrita*
- †*Meloidogyne javanica*
- †*Memnoniella echinata*

GERMANY:

- Ceratocystis narcissii*
- Chrysomyxa ledi* var. *rhododendri*
- Coniothyrium hellebori*
- †*Griphosphaeria corticola*
- Heterodera avenae*
- †*Heterodera humuli*
- Heterodera punctata*
- Heterodera rostochiensis*
- Meloidogyne hapla*
- Mycosphaerella fragariae*
- †*Sphaerotheca pannosa* var. *rosae*
- †*Tylenchus davainei*
- †*Uromyces limonii*

GREECE:

- †*Phyalospora obtusa*
- †*Scutellonema brachyurum*
- †*Septoria limonum*
- Septoria unedonis*

GUAM:

- †*Macrophoma cocos*

GUATEMALA:

- †*Cercospora cyripedii*
- †*Elsinoe mangiferae*
- Meloidogyne arenaria*

- Septoria selenophomoides*
- Uredo oncidii*

HAWAII:

- Diplodia coccocarpa*
- Macrophoma cocos*
- Macrophoma musae*
- Meloidogyne javanica*
- †*Pestalotia micheneri*
- Uromyces alyxiae*

HONDURAS:

- †*Elsinoe mangiferae*
- Memnoniella echinata*
- Uredo epidendri*

HONG KONG:

- Papularia sphaerosperma*
- Phoma citricarpa*
- Xanthomonas citri*

INDIA:

- †*Hendersonia oryzae*
- †*Meloidogyne incognita acrita*
- Meloidogyne javanica*
- Phoma insidiosa*
- Phyllachora graminis*
- Phyllostictina pyriformis*
- Puccinia striiformis*
- Xanthomonas citri*

IRELAND:

- †*Gottholdsteineria goodeyi*
- †*Helicotylenchus erythrinae*
- Heterodera punctata*
- Heterodera rostochiensis*

ISRAEL:

- Heterodera avenae*
- Meloidogyne incognita*(?)
- †*Meloidogyne javanica*

ITALY:

- Alternaria citri*
- Ascochyta pisi*
- Botryosphaeria berengeriana* var. *araucariae*
- Colletotrichum graminicola*
- Coniothyrium hellebori*
- Coniothecium scabrum*
- Heterodera avenae*
- Leptosphaeria rusci*
- Meloidogyne incognita*
- Meloidogyne javanica*
- Puccinia buxi*
- Sclerotium cepivorum*
- Septoria citri*
- †*Tylenchulus semipenetrans*
- †*Xiphinema diversicaudatum*

JAMAICA:

- Meloidogyne javanica*
- †*Sphenospora kevorkianii*
- Uredo guacae*

JAPAN:

- †*Aphelenchoides fragariae*(?)
- Ascochyta pisi*
- Botrytis gladiolorum*
- Chlamydomyces palmarum*
- †*Colletotrichum dematium* f. *circinans*
- Criconemoides xenoplax*
- Discohainesia oenotherae*
- Gymnosporangium haraeae*
- Entyloma oryzae*
- Heterodera cacti*
- †*Leptosphaeria eustomoides*
- †*Leptosphaeria michotii*
- Leptosphaeria oryzina*
- †*Macrophoma cocos*
- Meloidogyne arenaria*
- Meloidogyne hapla*
- Meloidogyne incognita acrita*
- Mycosphaerella schoenoprasii*

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

JAPAN—Continued

- †*Mystrosporium adustum*
- Neovossia horrida*
- Nigrospora sphaerica*
- Ophiobolus oryzinus*
- Papulaspora coprophila*
- Papulaspora parasitica*
- †*Pestalotia conspicua*
- Phoma citricarpa*
- Phyllachora graminis*
- †*Physalospora wildemanniana*
- †*Pratylenchus penetrans*
- Puccinia chrysanthemi*
- Puccinia horiana*
- Puccinia phyllostachydis*
- Sclerotiopsis testudinea*
- Septoria chrysanthemi*
- Septoria citri*
- Septoria oryzae*
- †*Sphaerostilbe aurantiicola*(?)
- †*Tranzschelia pruni-spinosae*
- Trematosphaerella oryzae*
- Xanthomonas citri*

KENYA:

- †*Meloidogyne javanica*

MALTA:

- †*Heterodera rostochiensis*

MEXICO:

- †*Allantonectria miltina*
- †*Ascochyta cucumis*(?)
- Asperisporium caricae*
- †*Asterinella epidendri*
- †*Botryosphaeria palmigena*
- Botrytis gladiolorum*
- Cercospora angraeci*
- Cercospora gossypina*
- Cercospora insulana*
- †*Cercospora odontoglossi*
- †*Cercospora puderi*
- Cercospora purpurea*
- Cladosporium orchidearum*
- Coleosporium ipomoeae*
- Colletotrichum dematium*
- †*Coniothecium agaves*
- †*Coniothyrium globulisorum*
- †*Coniothyrium socium*(?)
- Corynespora cassiicola*
- Curvularia lunata*
- Diplodia circinans*
- Diplodia coccocarpa*
- Ditylenchus dipsaci*
- Fusarium oxysporum* f. *gladioli*
- †*Geotrichum candidum*
- "Greasy spot"
- Guignardia traversi*
- †*Helicotylenchus erythrinae*
- Helicotylenchus nannus*
- Hendersonia opuntiae*
- Heterodera cacti*
- Heterodera punctata*
- Heterodera rostochiensis*
- "Leprosis"
- Macrophoma cocos*
- †*Melampsora paradoxa*(?)
- Meloidogyne arenaria*
- Meloidogyne hapla*
- Meloidogyne incognita*
- Meloidogyne incognita acrita*
- Meloidogyne javanica*
- Micropeltis bakeri*
- Mycosphaerella cattleyae*
- Mycosphaerella opuntiae*
- †*Mycosphaerella serrulatae*
- Myrothecium roridum*
- Neofabraea malicorticis*
- Omphalia flavida*
- Papularia sphaerosperma*
- †*Parodiella congregata*
- Periconia pycnospora*
- Pestalotia conspicua*

- Pestalotia psidii*
- Phoma psidii*
- †*Phyllosticta chrysanthemi*
- †*Phyllosticta palmicola*
- Phyllostictina pyriformis*
- Phytophthora capsici*
- Pseudomicrocera henningsii*
- Pseudomonas tonelliana*
- †*Psilenchus hilarulus*
- Puccinia chloridis*
- Puccinia cynodontis*
- Pythium aphanidermatum*
- †*Pythium ultimum*
- †*Ravenelia mesillana*
- Ring spot virus
- †*Scirrhia lophodermioides*
- Scopulariopsis brevicaulis* var. *glabra*
- Scutellonema brachyurum*
- Septonema intercalare*
- Septoria citri*
- Septoria selenophomoides*
- Sphaceloma punicae*
- †*Sphaceloma rosarum*
- Sphenospora mera*(?)
- Stagonospora macrospora*
- †Tobacco ring spot virus(?)
- †*Tylenchorhynchus acutus*
- Tylenchorhynchus capitatus*
- †*Tylenchorhynchus martini*
- †*Tylenchus polyhynchus*
- Uredo behnickiana*
- Uredo oncidii*
- Valsella pedicellata*

NETHERLANDS:

- Aphelenchoides fragariae*(?)
- Botrytis gladiolorum*
- Cercospora handelii*
- †*Chalaropsis thielaviopsis*
- Coniothyrium cytisellum*
- Coniothyrium hellebori*
- †*Cylindrocarpon radicola*
- Diplodina leucothoes*
- Diplodina eurhododendri*
- Discohainesia oenotherae*
- Ditylenchus dipsaci*
- Fusicoccum galericulatum*
- Helicotylenchus nannus*
- Hendersonia piriformis*
- Heterodera punctata*
- Meloidogyne hapla*
- Monochaetia compta*
- †*Myxosporium everhartii*
- Oospora pustulans*
- †*Papulaspora dodgei*
- Pestalotia macrotricha*
- Pestalotia rhododendri*
- Phoma lingam*
- Pratylenchus penetrans*
- Pratylenchus pratensis*
- Septoria azaleae*
- Urocystis gladiolicola*
- †*Venturia rhododendri*(?)
- "Yellow spot" virus

NEW GUINEA:

- †*Macrophoma araucariae*
- †*Meloidogyne arenaria*
- Pestalotia conspicua*
- †*Pestalotia micheneri*

NEW ZEALAND:

- Ceratocystis narcissii*
- Cerebella andropogonis*
- Heterosporium iridis*
- †*Physalospora camptospora*
- Sphaceloma fawcettii* var. *scabiosa*

NICARAGUA:

- †*Uredo epidendri*

NORFOLK ISLAND:

- Cryptospora longispora*
- Macrophoma araucariae*

See footnotes at end of this list

Countries of Origin and Diseases—Continued

NORWAY:

- †*Mycosphaerella vaccinii*
- †*Plowrightia virgultorum*

PAKISTAN:

- †*Curvularia geniculata*
- †*Xanthomonas citri*

PANAMA:

- Cercospora musae*
- †*Puccinia thaliae*
- Uredo behnickiana*
- Uredo scabies*

PERU:

- †*Cercospora insulana*
- Heterodera rostochiensis*
- Meloidogyne incognita*

PHILIPPINES:

- Phoma citricarpa*

PORTUGAL:

- †*Ascochyta pisi*
- †*Aspergillus mangini*
- †*Colletotrichum graminicola*
- †*Mycosphaerella coffeicola*
- †*Uromyces lineolatus*

PUERTO RICO:

- Cercospora canescens*
- †*Cercospora columnaris*
- Elsinoe phaseoli*
- †*Meloidogyne javanica*
- Puccinia urbaniana*

SCOTLAND:

- Ditylenchus dipsaci*
- Heterodera rostochiensis*
- †*Pseudomonas viburni*

SINGAPORE:

- †*Meloidogyne incognita*
- Phoma citricarpa*
- Septoria citri*(?)
- Xanthomonas citri*

SPAIN:

- †*Dendrophoma cytosporoides* var. *punicina*
- Heterodera avenae*
- Monilinia fructigena*
- Septoria citri*
- †*Septoria piricola*
- †*Uromyces phaseoli*

SURINAM:

- †*Micropeltis bakeri*

SWEDEN:

- Heterodera rostochiensis*
- †*Puccinia arenariae*

SWITZERLAND:

- Chrysomyxa ledi* var. *rhododendri*
- Discohainesia oenotherae*

THAILAND:

- Phoma citricarpa*

TRINIDAD:

- †*Heterodera cacti*
- †*Meloidogyne incognita* *acrita*
- Phyllostictina pyriformis*
- †*Scutellonema christiei*

TURKEY:

- Ustilago bullata*

UNION OF SOUTH AFRICA:

- Collectotrichum dematium*
- Didymellina ornithogali*
- Heterosporium ornithogali*
- Meloidogyne incognita*
- Phoma citricarpa*
- Puccinia ornithogali-thyrsoides*
- †*Septoria selenophomoides*

UNKNOWN:

- Botryosphaeria ribis*
- Elsinoe australis*
- Elsinoe mangiferae*
- Heterodera punctata*
- Macrophoma musae*
- Phoma citricarpa*
- Puccinia angustata*
- Septoria citri*

URUGUAY:

- †*Diaporthe oncostoma*

VENEZUELA:

- †*Botrytis gladiolorum*
- †*Heterodera cacti*

WEST AFRICA:

- Meloidogyne incognita*

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception by Division inspectors.

